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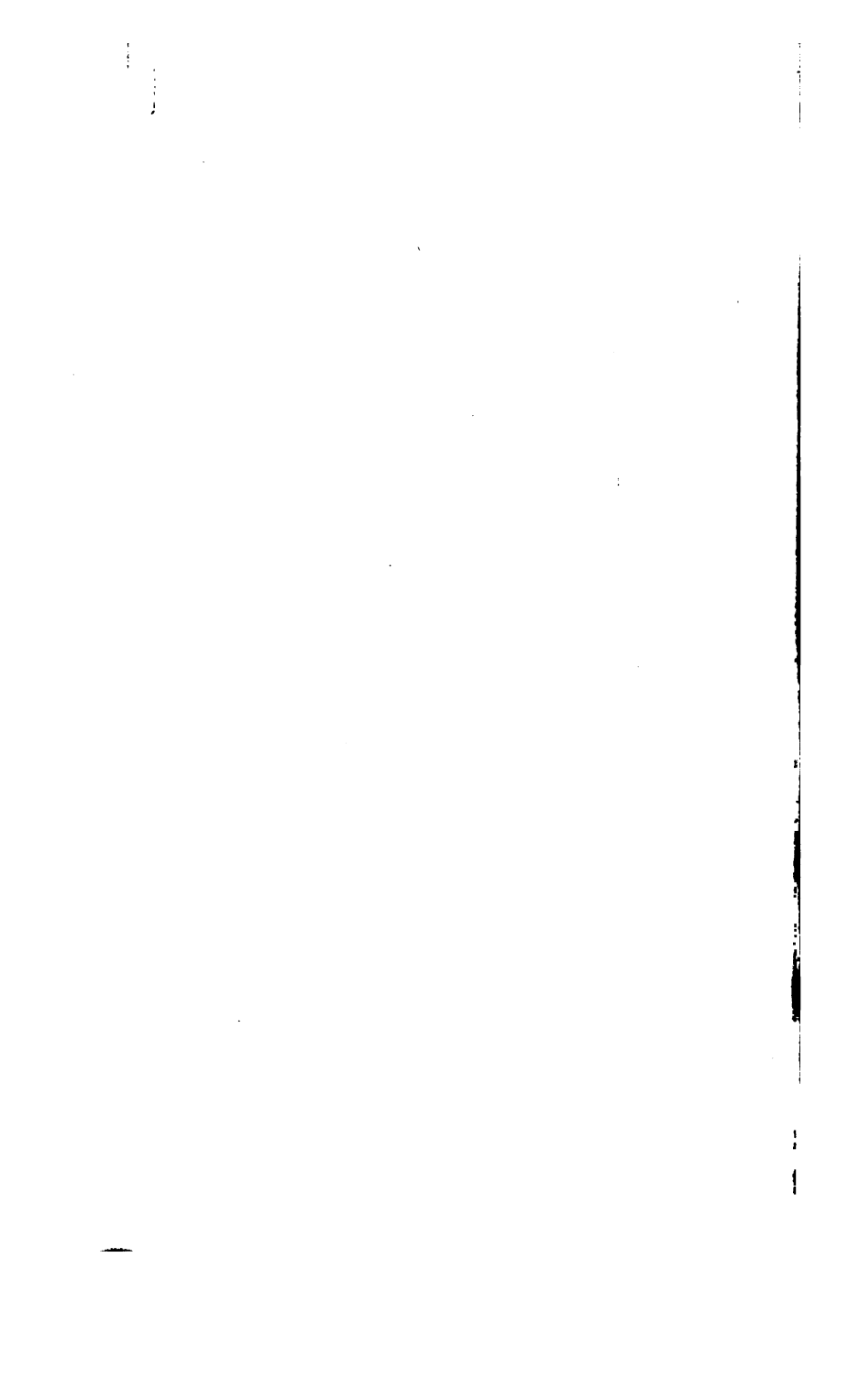
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# INDEX FILICUM:

**AN ILLUSTRATED SYNOPSIS;**

WITH CHARACTERS, OF

**THE GENERA,**

AND AN ENUMERATION OF

**THE SPECIES OF FERNS,**

WITH SYNONYMES, REFERENCES, &c. &c.

---

BY

**THOMAS MOORE, F.L.S., F.R.H.S.,**

AUTHOR OF "THE HANDBOOK OF BRITISH FERNS; "THE  
FERNS OF GREAT BRITAIN AND IRELAND, NATURE PRINTED," &c.;

EDITOR OF THE "FLORAL MAGAZINE;"

CURATOR OF THE CHELSEA BOTANIC GARDEN.

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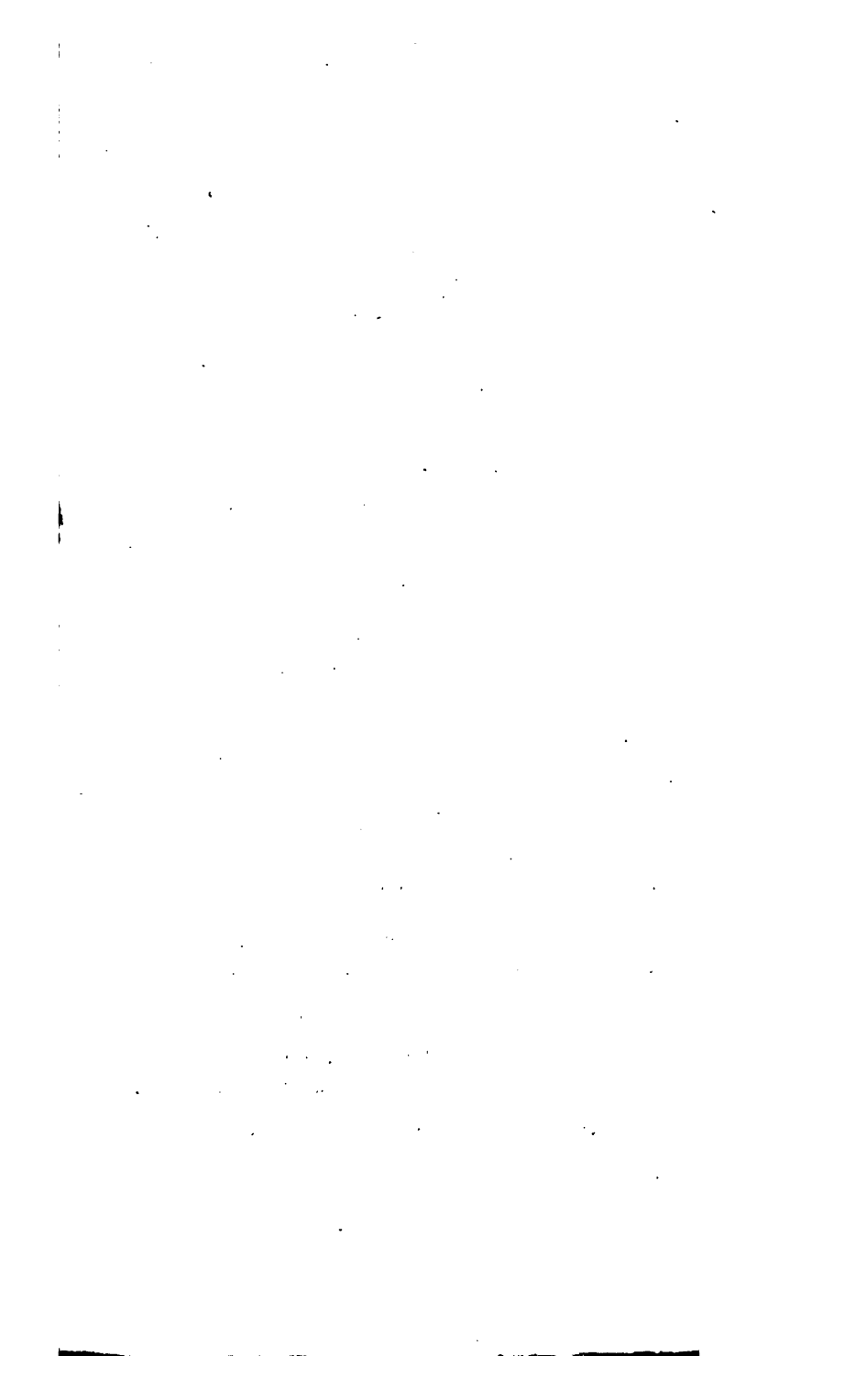
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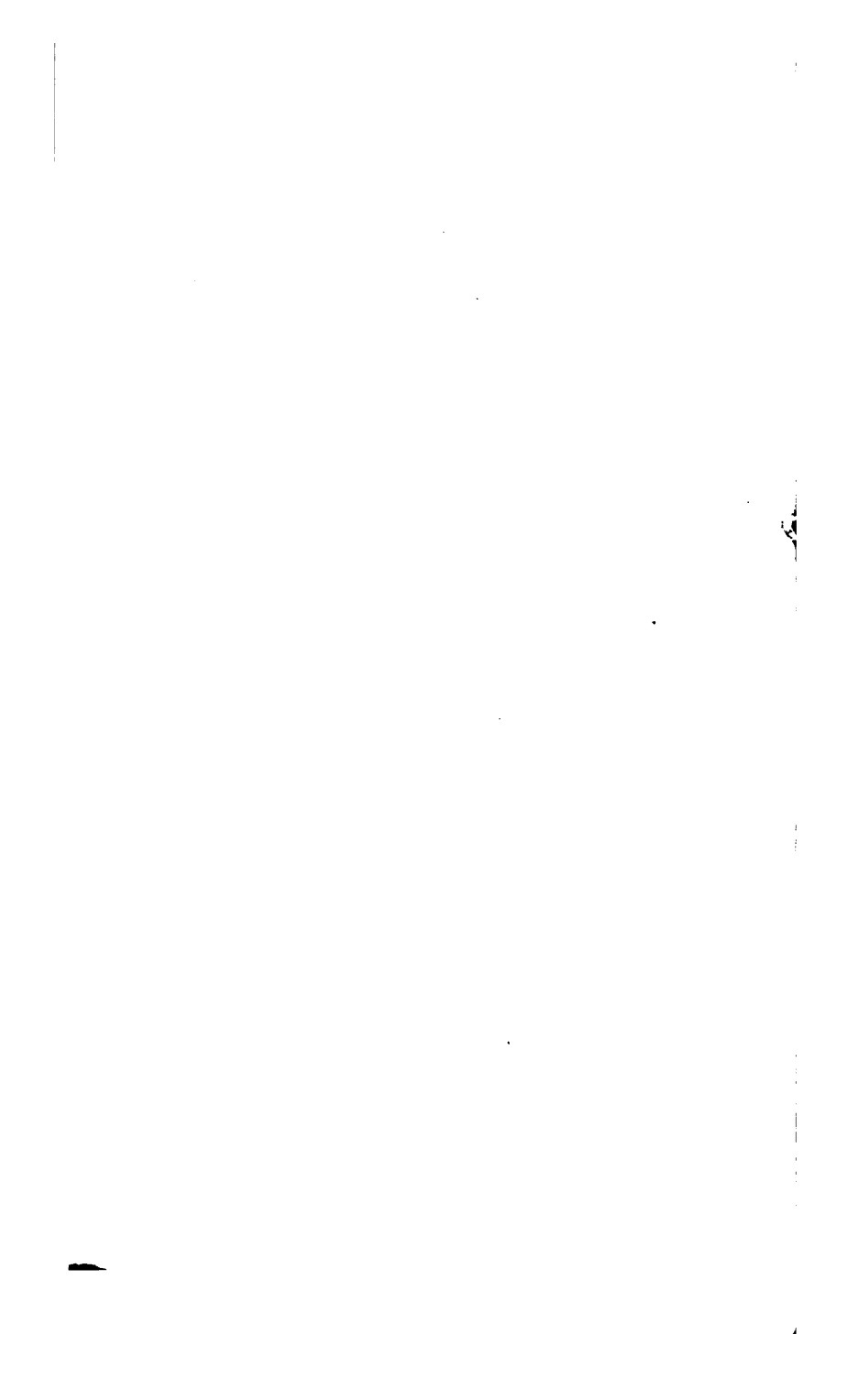
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Berlin, 1810

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Göttingen, 1827

FERNS. The volume of "Hooker's Icones," which  
contains Ferns only, (that is, the tenth volume.)  
£1 8s. London, 1854.





**CASSEBEERA**, *Klfs. Enum. Fl.* 216. [Synopsis p. xxxix.]*argentea*, J. Sm.—*Cheilanthes argentea*.*auriculata*, J. Sm.—*Cheilanthes auriculata*.*cuneata*, J. Sm.—*Cheilanthes angustifolia*,  $\beta$ .*farinosa*, J. Sm.—*Cheilanthes farinosa*.*gleichenioides*, *Gard. Hook. Icon. Pl.* t. 507.—Brazil (*Gardn.* 5295.)*Cassebeera gleichenioides*, *Hook. Sp. Fl.* ii. 119.*hastata*, J. Sm.—*Pteris hastata*.*intramarginalis*, J. Sm.—*Cheilanthes intramarginalis*.*micromera*, Hort. Ber.: Kl.—*Adiantopsis pauperula*.*microphylla*, J. Sm.—*Cheilanthes elongata*.*paradoxa*, Fée.—*Pteris lomariacea*,  $\beta$ .*pedata*, J. Sm.—*Pteris geraniifolia*.*petiolata*, Fée, *Iconogr. Nouv.* 30, t. 12, fig. 4.—Buenos Ayres.(An *Cassebeera pinnata*, form. reduct.)*pinnata*, *Klfs. Enum.* 217, t. 1, fig. 11.—Brazil (*Gardn.* 3556.)  
South Brazil.*Cassebeera pinnata*, *Spreng. Syst.* 118; *Presl, Tent. Pter.* 155; *Mart.*• *Icon. Pl. Crypt.* 91, t. 61; *Kze. Anal. Pter.* 37, t. 24; *J. Sm. Hook. Journ. Bot.* iv. 159; *Hook. Sp. Fl.* ii. 119.*Pteris pinnata*, *Metten. Fl. Lips.* 55.*pteroides*, *Presl*.—*Adiantopsis pteroides*.*tenuifolia*, J. Sm.—*Cheilanthes tenuifolia*.*triphylla*, *Klfs. Enum.* 216.—Buenos Ayres; Monte Video;  
South Brazil, Porto Alegre.*Cassebeera triphylla*, *Spreng. Syst.* 118; *Presl, Tent. Pter.* 155, t. 6, fig. 6; *Fée, Gen. Fl.* 119; *Id. Iconogr. Nouv.* 31, t. 12, fig. 6; *Hook. Gen.**Fl.* t. 66 A; *Id. Sp. Fl.* ii. 119; *J. Sm. Hook. Journ. Bot.* iv. 159.*Adiantum triphyllum*, *Lam. Enc.* i. 41; *Sm. Icon. Ined.* t. 74; *Sw. Syn.**Fl.* 120; *Willd. Sp. Pl.* v. 428; *Desv. Prod.* 306.*Pteris triphylla*, *Metten. Fl. Lips.* 55, t. 15, fig. 11, 12.**Cassiopteris**, *Karsten MS. (Kl. Lin. xx. 437)* = **OPHIOGLOSSUM PALMATUM**.**Catapodium**, *J. Sm. Cat. Ferns* 16 (§) = **POLYPODIUM**.**Catenuularia**, *Zippel. MS. : Metten. Abh. Senckenb. Nat. Ges.* ii. 37.*coriacea*, *Zipp. MS.*—*Polypodium fasciatum*.*pumila*, *Zipp. MS.*—*Polypodium setosum*.*spongiosa*, *Zipp. MS.*—*Polypodium Reinwardtii*.**Celanthera**, *Thouin, Mem. Acad. des Sciences Paris* 1786 = **MARATTIA**.

March, 1861.

**Cephalomanes**, Presl, *Hymen.* 17.

- alatum*, Presl. — *Trichomanes Boryanum*.  
*asplenioides*, Presl. — *Trichomanes curvatum*.  
*atrovirens*, Presl. — *Trichomanes rhomboideum*.  
*auriculatum*, Van den Bosch. — *Trichomanes auriculatum*.  
*Boryanum*, Van den Bosch. — *Trichomanes Boryanum*.  
*curvatum*, Van den Bosch. — *Trichomanes curvatum*.  
*dissectum*, Van den Bosch. — *Trichomanes dissectum*.  
*javanicum*, Presl. — *Trichomanes javanicum*.  
*madagascariense*, Van den Bosch. — *Trichomanes madagascariense*.  
*oblongifolium*, Presl. — *Trichomanes javanicum*.  
*rhomboideum*, Van den Bosch. — *Trichomanes rhomboideum*.  
*singaporianum*, Van den Bosch. — *Trichomanes javanicum*.  
*Zollingeri*, Van den Bosch. — *Trichomanes Zollingeri*.

**Cephalosorium**, M. ante p. lxxv. (§) = *CAMPYLONEURUM*.

**Ceramium**, Reimhardt, *Syll. Pl. Nov.* ii. 2. = *DIDYMOCHLENA*.

**Ceratodaetylis**, J. Sm. Hook. *Gen. Fl.* t. 36.

*osmundioides*, J. Sm. — *Llavea cordifolia*.

**CERATOPTERIS**, Brongn. *Bull. Soc. Phil.* 1821, 184;

*Id. Dict. Class.* iii. 350 [Synopsis p. cxvii.]

*australasica*, A. Cunn. MS. — *Ceratopteris thalictroides*.

*cornuta*, Lepr. — *Ceratopteris thalictroides*.

*Gaudichaudii*, Brongn. — *Ceratopteris thalictroides*.

*Lockharti*, Kze. — *Ceratopteris thalictroides*.

*Parkeri*, Sm. — *Ceratopteris thalictroides*.

*Richardi*, Brongn. — *Ceratopteris thalictroides*.

*thalictroides*, Brongn. *Bull. Soc. Phil.* (1821) 184, t. 1; *Id.*

*Dict. Class.* iii. 351 (Kze). — Aquatic. Trop. and Subtrop. regions of Asia, Africa, America, and Australia. India: Punjab to Madras Assam and Moulmein; Ceylon; Singapore; Penang; Java; Philippines (*Cuming* 344); Timor; Ladrone or Marianne Isles; China: Hong Kong; Tropical Australia: S. Goulbourn Island, Carpentaria, Fitzmaurice River; Africa: Oware; Senegambia; Madagascar; Tropical America: F. Guiana; B. Guiana: Demerara; D. Guiana: Surinam (*Hostm.* 55; *Kegel* 622), Brazil (*Gardn.* 344, 5667, 6111, 1229, 4397); N. Grenada, St. Martha; Mexico; W. Indies: Jamaica, St. Vincent, Trinidad. — *Pluk.* t. 215, fig. 3; *Bumph. Amb.* vi. t. 74, fig. 1.

[Gen. 26. Sp. 964]



- Ceropteris thalictroides*, *Spreng. Syst.* 28; *Bl. Enum.* 240; *Wall. Cat.* 83; *Bory. Bel. Voy.* ii. 14; *Hook. Gen. Fl.* t. 12; *Id. Sp. Fl.* ii. 235; *Link. Fil. Sp.* 48; *J. Sm. Hook. Journ. Bot.* iii. 400; iv. 70; *Id. Bot. Mag.* 1846, comp. 17; *Kze. Lin.* xxi. 206; xxiii. 242; *M. et Hoult. Gard. Mag. Bot.* iii. 94, fig. 21; *Bruck. U.S. Expl. Exped.* xvi. 67; *Lowe, Ferns*, ii. t. 66; *Splitg. Tijdsch. Nat.* vii. 432.
- Ceropteris australasica*, *A. Cunn. MS.* in *Hb.*
- Ceropteris cornuta*, *Lepr. Ann. Sc. Nat.* 1 ser. xix. 99, t. 4.
- Ceropteris Gaudichaudii*, *Brongn. Bull. Soc. Philom.* 1821, 184; *Id. Dict. Class.* iii. 351.
- Ceropteris Lockharti*, *Kze. Lin.* xxiii. 241.
- Ceropteris Parkeri*, *J. Sm. Hook. Journ. Bot.* iv. 70; *Id. Bot. Mag.* 1846, comp. 17; *Kze. Lin.* xxiii. 242; *Mett. Fil. Lips.* 39, t. 10, fig. 9, 10.
- Ceropteris Richardi*, *Brongn. Dict. Class. d'Hist. Nat.* iii. 351.
- Acrostichum thalictroides*, *Lin. Sp. Pl.* 1527; *Id. Fl. Zeylan.* t. 4; *Lam. Enc.* i. 37.
- Acrostichum siliculosum*, *Lin. Sp. Pl.* 1527; *Id. Aman. Acad.* i. 270, t. 12, fig. 3; *Lam. Enc.* i. 37.
- Belvisia siliculosum*, *Mirbel; Poir. Enc. Suppl.* i. 612.
- Chladostachys thalictroides*, *Wall. Hb.*
- Cryptogenis ferulacea*, *Rich. MS.*—f. *Brongn.*
- Ellobocarpus cornutus*, *Klfs. Enum.* 148.
- Ellobocarpus oleraceus*, *Klfs. "Entw. d. Farrenkr."* fig. 7, 8, 9; *Id. Enum.* 148; *Presl, Rel. Hank.* i. 53.
- Furcaria cornuta*, *Desv. Prod.* 292.
- Furcaria thalictroides*, *Desv. Prod.* 292.
- Onychium cornutum*, *Hassk. Cat. Hort. Bogor.* 7.
- Parkeria Lockharti*, *Hook. et Grex. Icon. Fl.* sub. t. 97.
- Parkeria pteridioides*, *Hook. Esot. Fl.* ii. t. 247; iii. t. 231; *Hook. et Grex. Icon. Fl.* t. 97; *Hook. Gen.* t. 50; *Lieb. Mex. Breg.* 138.
- Parkeria pteridifolia*, *Purdie MS.*—f. *Hook.*
- Pteris carnosus*, *Roxb. Hb.*—f. *Wall.*
- Pteris cornuta*, *Pal. Beauv. Fl. d'Oware*, 63, t. 38; *Willd. Sp. Pl.* v. 404; *Poir. Enc. Suppl.* iv. 608.
- Pteris ferulacea*, *Richard MS.*—f. *Klfs. Enum.* 148.
- Pteris succulenta*, *Roxb. Calc. Journ. Nat. Hist.* iv. 506.
- Pteris thalictroides*, *Sv. Schrad. Journ.* 1800, ii. 65; *Id. Syn. Fl.* 98; *Willd. Sp. Pl.* v. 378.
- Schizaea thalictroides*, *Ham. Hb.*—f. *Wall.*
- Teleozoma thalictroides*, *Z. Br. "Frankl. Journ.* 767."—f. *Hook.*

**Ceropteris, Link. Fil. Sp. 141.**

- calomelana*, Link.—*Gymnogramma Calomelanos.*
- chrysophylla*, Link.—*Gymnogramma chrysophylla.*
- distans*, Link.—*Gymnogramma distans.*
- flavens*, Fée.—*Gymnogramma flavens.*
- Herminieri*, Link.—*Gymnogramma L'Herminieri.*
- Martensii*, Link.—*Gymnogramma Martensii.*
- Massoni*, Link.—*Gymnogramma Massoni.*
- monosticha*, Fée.—*Nothochlæna monosticha.*
- obtusa*, Fée.—*Gymnogramma obtusa.*
- pallascens*, Fée.—*Gymnogramma pallescens.*
- peruviana*, Link.—*Gymnogramma peruviana.*
- plicata*, Fée.—*Gymnogramma plicata.*
- Schaffneri*, Fée.—*Gymnogramma Schaffneri.*

*serrata*, Fée.—*Gymnogramma serrata*,  
*sulphurea*, Fée.—*Gymnogramma sulphurea*.  
*tartarea*, Link.—*Gymnogramma tartarea*.

**CETERACH**, Willd. *Sp. Pl.* v. 136. [Synopsis p. li].

*alpinum*, Lam.—*Woodsia alpina*.  
*aspidioides*, Willd.—*Grammitis aspidioides*.

*aureum*, Desv. *Prod.* 222.—Teneriffe (*Bourg.* 62, 1540); Canaries, Palma; Brazil.—f. Klfs.

*Ceterach aureum*, Link, *Von Buch, Can. Ins.* 138; *Webb et Berth. Phyt. Can.* iii. pt. 4, 443.

*Acrostichum aureum*, Cav. *Anales de Cienc. Nat.* iv. 104.—f. Webb.

*Asplenium aureum*, Cav. *Anales de Cienc. Nat.* iv. 104; *Id. Praelect.* (1801) 256.

*Asplenium Ceterach*, *β.* Hook. *Sp. Fil.* iii. 273.

*Asplenium latifolium*, Bory, *Isles Fort.* 311, t. 6.

*Ceterach canariensis*, Willd. *Sp. Pl.* v. 137; *Klfs. Enum.* 86; *Poir. Enc. Supp.* v. 501.

*Ceterach latifolium*, Fée, *Gen. Fil.* 206, t. 30 A, fig. 1.

*Grammitis aurea*, Sw. *Syn. Fil.* 23, 215.

*barbatum*, Presl (Link).—*Gymnogramma tomentosa*.

*canariensis*, Willd.—*Ceterach aureum*.

*capense*, Kze.—*Grammitis capensis*.

*Ceterach*, Newm.—*Ceterach officinarum*.

*cordata*, Klfs.: Kze.—*Grammitis cordata*.

*crenata*, Klfs.—*Grammitis crenata*.

*hispanicum*, Metten.—*Gymnogramma rutaeifolia*, γ.

*immersum*, Sturm.—*Gymnogramma immersa*.

*indivisa*, Hamilt.—*Selliguea pedunculata*.

*latifolium*, Fée.—*Ceterach aureum*.

*lobatum*, Presl.—*Gymnogramma tomentosa*.

*Maranta*, DC.—*Nothochlæna Marantæ*.

*officinarum*, Willd. *Enum.* 1068; *Id. Sp. Pl.* v. 136.—Europe:

England, France, Germany, Switzerland, Austria, Hungary, Transylvania, Croatia, Dalmatia, Gothland, Holland, Spain, Portugal, Italy, Greece, Turkey, Crete, Russian Tauria, Caucasus; Asia: Siberia, Ural Mountains; Asia Minor; Erzeroum; Karabagh; Thibet; India: Kulu, Kashmir (*Hook. fil. et Thom.* 219), Afghanistan; Kurdistan; Africa: Algeria; S. Africa; Azores, Canary Islands; Brazil—f. Kze.—Plum. t. B, fig. 3.

*Ceterach officinarum*, Desv. *Prod.* 222; *Kze. Lin.* x. 496; xxiii. 242; *Sowerby, Ferns of Gt. Brit.* 62, t. 36; *Link. Fil. Sp.* 144; *Hook. Gen. Fil.* t. 113 A; *Id. Brit. Fl.* 7 ed. t. 9, fig. 1; *J. Sm. Hook. Journ. Bot.* iv. 175; *Webb et Berth. Phyt. Canar.* iii. pt. 4, 443; *Fée, Gen. Fil.* 206, t. 30 A, fig. 2; *Newm. Brit. Ferns* 3 ed. 293; *M. et Houlet. Gard. Mag. Bot.* iii. 263, fig. 49; *Metten. Fil. Lips.* 80, t. 13, fig. 13; *Hemsl. Aspl. Europ.* 110; *Moore, Handb. Brit. Ferns*, 3 ed. 214; *Id. Ferns of Gt. Brit. Nat. Print.* t. 43 A; *Id.*

[Gen. 57. Sp. 964.]

- octavo ed. ii. 200, t. 93; *Pappe et Raws. Syn. Fl. Afr. Aust.* 23; *Lowc. Ferns* v. t. 54.  
*Asplenium Ceterach*, *Lin. Sp. Pl.* 1538; *Bolt. Fl. Brit.* 20, t. 12 (bad); *Cav. Praelect.* (1801) 256; *Sturm, Fl. (Farn.)* t. 6; *Lam. Enc.* ii. 304; *Hook. Sp. Fl.* iii. 273.  
*Asplenium sinuatum*, *Salisb. Prodr.* 403.  
*Blechnum squamosum*, *Stokes, Bot. Mat. Med.* iv. 617.  
*Ceterach Ceterach*, *Newm. Phytol.* 1851, app. v. in obs.  
*Grammitis Ceterach*, *Sw. Syn. Fl.* 23; *Schkr. Crypt.* 186, t. 7 b; *Koch, Syn.* 3 ed. 924; *Lodd. Bot. Cab.* t. 15.  
*Gymnogramma Ceterach*, *Spreng. Syst.* 38 (excl. syn. *Aspl. aureum* et *latifolium*, &c.); *Sadt. Fl. Hung.* 15; *Presl, Tent. Pter.* 219, t. 9, fig. 10 (ven. bad); *Ledeb. Fl. Ross.* iv. 507.  
*Gymnopteris Ceterach*, *Bernh. Schrad. n. Journ. Bot.* 1806, i. part 2, 22.  
*Notolepeum Ceterach*, *Newm. Brit. Ferns* 3 ed. 9; 3 ed. 278.  
*Polypodium asplenoides*, *Scop. Fl. Carn.* ii. t. 62.—f. *Schkr.*  
*Scolopendrium Ceterach*, *Symons, Syn.* 193; *Sm. Eng. Fl.* iv. 302; *Id. Eng. Bot.* xviii. t. 1244; *Roth, Fl. Germ.* iii. 48.  
*Vittaria Ceterach*, a. *Bernh. Aspl. Act. Erf.* 1802, 15.

*papaverifolium*, Metten.—*Gymnogramma papaverifolia*.

*pedunculata*, Hook. et Grev.—*Selliguea pedunculata*.

*polypodioides*, Raddi.—*Grammitis polypodioides*.

*rutafolium*, Metten.—*Gymnogramma rutæfolia*.

**Ceterach**, *Presl, Tent. Pterid.* 219 (§)=**GYMNOGRAMMA**, etc.

**Chamaecelinis**, *Mart. Hort. Reg. Monac.* 1829, 3.—**LYCOPODIUM ORNUM.**

**Charitophyllum**, *Van den Bosch, Hymenoph. Junguhn.* 18 (§)=**HYMENOPHYLLUM.**

**CHEILANTHES**, *Swartz, Syn. Fl.* 5, 126, [Synopsis p. xxxviii.]

*aculeata*, Klfs.—*Hypolepis repens*.

*affinis*, Metten.—*Nothochlæna affinis*.

*alabamensis*, *Kze. Lin.* xx. 4; xxiii. 242, 306; *Id. Sill. Am. Journ.* n. s., vi. (1847) 87.—South United States (*Rugel* 28): Alabama, Georgia, Tennessee; Mexico (*Schaffn.* (1854) 86); New Mexico (*Wright* 2129).

*Cheilanthes alabamensis*, *Fée, Gen. Fl.* 156; *Hook. Sp. Fl.* ii. 89, t. 103 B; *Id. Fl. Ezot.* i. 90; *J. Sm. Cat. Kew Ferns* 3; *Id. Cat. Ferns* 30; *Metten. Fl. Lips.* 50; *Id. Cheil.* 33; *Lowc. Ferns* iv. t. 17 A.

*Pteris alabamensis*, *Tuckerm. Sill. Amer. Journ.* 1843, 177.

*Pteris gracilis*, *Rugel MS.*: non Michaux.

*allosuroides*, *Metten. Cheil.* 32.—Mexico.

*alpina*, Bl.—*Hypolepis alpina*.

*amaurorachis*, *Kze.*—*Hypolepis amaurorachis*.

*ambigua*, *Metten. Cheil.* 49.—New Grenada (*Schlim* 877).

*Synochlamys ambigua*, *Fée, Iconogr. Nouv.* 35, t. 20, fig. 4.

*ambigua*, Rich.—*Hypolepis tenuifolia*.

*ambigua*, Brack.—*Cheilanthes distans*.

*andina*, Hook. *Sp. Fl.* ii. 115.—Peruvian Andes.

*Cheilanthes andina*, Metten. *Cheil.* 38.

*angustifolia*, H.B.K. *Nov. Gen.* i. 21.—Mexico (*Coulter* 1687; *Galeotti* 6380, 6362, 6560; *Schaffn.* (1854) 89, 89a, (1855) 301; N. W. Mexico (*Seem.* 1927); Orizaba (*Botteri* 36); Guatemala; Bolivia; Central America (*Barclay* 2687)

*Cheilanthes angustifolia*, Poir. *Enc. Supp.* v. 536, 605; *Klft. Enum.* 210; *Spreng. Syst.* 116; *Fée, Gen. Fl.* 156—f. No. Hb. Gal. (see *Metten. Cheil.* 46); *Hook. Sp. Fl.* ii. 116; *Metten. Cheil.* 44.

*Cheilanthes decomposita*, Willd. *Hb.* 20116.—f. Pr.; *Id. Enum. Supp.* 70; *Hook. Sp. Fl.* ii. 116; *Fée, Cat. lith. Foug. Mex.* 11.

*Cheilanthes venusta*, v. *aurata*, *Fée, Cat. lith. Foug. Mex.* 12.

*Allosorus angustifolius*, Presl, *Tent. Pter.* 152; *Kze. Lin.* xiii. 139; *Kl. Lin.* xx. 340; *Liebm. Mex. Breg.* 66 (incl. var. minor); *J. Sm. Bot. Voy. Herald* 341.

*Allosorus decompositus*, M. et Gal. *Foug. Mex.* 42, t. 10, fig. 2; *Kl. Lin.* xx. 340.

*Onychium angustifolium*, Kze. *Schkr. Supp.* ii. 11; *Id. Lin.* xxiii. 271 (excl. syn. Lk.); *Hook. Sp. Fl.* ii. 123.

*Pellaea decomposita*, Hook. *Sp. Fl.* ii. 151, t. 119 B.

—*β. cuneata*, M.—Mexico (*Seem.* 1450, 1932; *Jurgensen* 70; *Aschenb.* 562); Orizaba (*Botteri* 35); Oaxaca.

*Cheilanthes cuneata*, Link, *Hort. Ber.* ii. 40; *Id. Fl. Sp.* 63; *Kze. Schkr. Supp.* i. 73, t. 36; *Id. Lin.* xxiii. 243; *Hook. Sp. Fl.* ii. 107 excl. syn. M. et Gal.; *Fée, Gen. Fl.* 156; *Metten. Fl. Lips.* 51.

*Allosorus cuneatus*, Presl, *Tent. Pter.* 153.

*Cassebeera cuneata*, J. Sm. *Hook. Journ. Bot.* iv. 159.

*Othonoloma* (s) *cuneata*, Link, *Hort. Ber.* ii. 40.

*angustifolia*, Cuming.—*Cheilanthes varians*.

*anthriscifolia*, Willd.—*Hypolepis anthriscifolia*.

*arabica*, Dcne. *Arch. Mus.* ii. 190.—Abyssinia (*Schimp.* 1431); Arabia.

*Cheilanthes arabica*, Kze. *Lin.* xxiii. 242, 307; *Buckinger, Flora* 1846, i. 303; *Metten. Cheil.* 50.

*Cheilanthes Decaisnii*, Kze. *Ind. Fl. Hort. Lips.*—f. *Pée.*

*Pellaea abyssinica*, Fritzel, *Icon. Bot.* 820.

*Pellaea* ? *arabica*, *Fée, Gen.* 130; *Id. Iconogr. Nouv.* 4, t. 3, fig. 1.

*arborescens*, Sw.—*Hypolepis tenuifolia*.

*argentea*, Kze. *Lin.* xxiii. 242.—Siberia: Dahuria, Baikal; Altai; Russian America; Kamtschatka; Khasya; Moulemein.

*Cheilanthes argentea*, Hook. *Sp. Fl.* ii. 76; *Id. Fl. Exot.* i. t. 95, no. 2 right hand fig., no. 3 two left hand figs., nos. 4 and 5 true; *J. Sm. Cat. Ferns* 30; *Metten. Fl. Lips.* 50; *Id. Cheil.* 45; *Lowe, Ferns* iv. t. 12.

*Allosorus argenteus*, Presl, *Tent. Pter.* 153.

*Aleuritopteris argentea*, *Fée, Gen. Fl.* 154; *Id. Iconogr. Nouv.* 117.

[*Gen.* 35. Sp. 263.]

*Cassebeera argentea*, J. Sm. *Hook. Journ. Bot.* iv. 159.

*Pteris argentea*, Gmel. *Nov. Act. Petrop.* xii. 519, t. 12, fig. 1—f. Willd.

et Metten., fig. 2—f. Hook; *Poir. Enc. Supp.* iv. 600; *Sw. Syn.*

*Fil.* 105, 301; *Willd. Sp. Pl.* v. 360; *Langed. et Fisch. Icon. Fil.* 19,

t. 22; *Desv. Prod.* 294; *Spreng. Syst.* 70; *Ledeb. Fl. Alt.* iv. 326;

*Id. Fl. Ross.* iv. 524; *Link. Fil. Sp.* 51; *Eupr. Dist. Crypt. Ross.* 46.

*Pteris pedata*, v. *sibirica*, *Lin. Sp. Pl.* 1532.

*Pteris pedata* A. *Poir. Lam. Enc.* v. 717.

*Pteris pedata*, *Steller*, in *Pall. n. Beitr.* ii. 300.

—*β. sulphureum*, *Hook. Fil. Exot.* t. 95, fig. 3, right hand fig.—India: Khasya, Moulmein.

—*γ. chrysophylla*, *Hook. Fil. Exot.* t. 95, fig. 1, fig. 2 left hand fig., figs. 6-8.—India: Khasya (*Hook. fil. et Th.* 126), Moulmein.

*Cheilanthes chrysophylla*, *Hook. Sp. Fil.* ii. 113; *Id. Icon. Pl.* t. 901;

*Metten. Cheil.* 47.

*Aschenborniana*, *Metten.*—*Nothochlæna Aschenborniana*.

*aspera*, *Hook. Sp. Fil.* ii. 111, t. 108 A.—New Mexico (*Wright* 824, 2127).

*Cheilanthes aspera*, *Metten. Cheil.* 51.

*aspera*, Klfs.—*Hypolepis aspera*.

*aspidioides*, Fée.—*Cheilanthes microphylla*, *β.*

*Atherstonii*, *Hook. Sp. Fil.* ii. 107.—S. Africa.

*Cheilanthes Atherstonii*, *Pappe et Raws. Syn. Fil. Afr. Aust.* 37;

*Metten. Cheil.* 32.

*aurantiaca*, M. [Synopsis xxxviii].—New Spain; Mexico, Morelia (*Hartweg* 418).

*Cheilanthes aurantiaca*, *Metten. Cheil.* 47.

*Cheilanthes ochracea*, *Hook. Sp. Fil.* ii. 114; *Id. Icon. Pl.* t. 904.

*Allosorus aurantiacus*, *Presl, Tent. Pter.* 153; *Liebm. Mex. Bregm.* 70

*Hook. Sp. Fil.* ii. 153.

*Allosorus ochraceus*, *Hook. Pl. Hartweg.* 55.

*Pteris aurantiaca*, *Cav. Praelect.* (1801) 266; *Sw. Syn. Fil.* 104; *Willd.*

*Sp. Pl.* v. 382; *Poir. Enc. Supp.* iv. 604; *Desv. Prod.* 297; *Spreng.*

*Syst.* 73.

*auriculata*, *Link. Hort. Ber.* ii. 36; *Id. Fil. Sp.* 62.—S. Africa (*Sieb. Syn.* 8; *Un. Itin.* 670), Natal (*Krauss* s. n.)

*Cheilanthes auriculata*, *Kze. Lin.* x. 531; xxiii. 242; *Hook. Sp. Fil.* ii.

116; *Metten. Fil. Lips.* 51, t. 16, fig. 9; *Id. Cheil.* 45.

*Adiantum auriculatum*, *Thunb. Prod.* 173.

*Allosorus auriculatus*, *Presl, Tent. Pter.* 153; *Pappe et Raws. Syn. Fil.*

*Afr. Aust.* 31.

*Cassebeera auriculata*, J. Sm. *Bot. Mag.* 1846, comp. 20.

*Pellaea auriculata*, Fée, *Gen. Fil.* 129; *Hook. Sp. Fil.* ii. 140.

*Pteris auriculata*, *Sw. Schrad. Journ.* 1800, ii. 69; *Id. Syn. Fil.* 103;

*Willd. Sp. Pl.* v. 365; *Schrad. Goet. Gel. Anz.* 1818, 617; *Schlecht.*

*Adumb.* 41, t. 23; *Spreng. Syst.* 71; *Hook. et Grav. Icon. Fil.* t. 116.

*Pteris confuens*, *Thunb. Prod.* 171.—f. *Schl. (Kze.)*; *Sw. Syn. Fil.* 107;

*Poir. Enc. Supp.* iv. 609; *Willd. Sp. Pl.* 382; *Desv. Prod.* 297.

*Bergiana*, *Schlecht.*—*Hypolepis Bergiana*.

[*Gen. 38. Sp.* 967.]

Bojeri, M.—Madagascar.

*Pellaea* Bojeri, *Hook. Sp. Fil.* ii. 146, t. 119 A.

*Pteris lasiopteris*, *Bojer MS.*: *Hb. Hook.*

Borsigiana, *Rehb. fl. Wochenschr. Gärt. Pflanz. Berl.* 1858, i. 2—Peru, ? California.

*Cheilanthes Borsigiana*, *Metten. Cheil.* 21; *Lowe, Ferns Supp.* t. 16 A.

*brachypus*, *Kze. Lin.* xxiii. 243, 307.—Trop. Mexico (*Leibold* 52); Guatemala.

*Cheilanthes brachypus*, *Fée, Gen. Fil.* 156; *Metten. Fil. Lips.* 49; *Id.*

*Cheil.* 22; *Moore, Gard. Chron.* 1887, 772.

*Cheilanthes squamosa*, *B.* ? *brachypus*, *Kze. Lin.* xviii. 340; *Liebm.*

*Max. Bregn.* 103; *Hook. Sp. Fil.* ii. 115.

*Nothochlæna squamata*, *Hort. Ang.*; *M. et Houlet. Gard. Mag. Bot.* iii. 20.

*Nothochlæna squamosa*, *Lowe, Ferns* i. t. 17 B.

Bradburii, *Hook. Sp. Fil.* ii. 97, t. 109 B.—South United States (*Drum.* ii. 354): Manitou Rocks, Missouri; Texas (*Lindh.* 743); ? Jamaica; Afghanistan (*Hook.*)

*Cheilanthes Bradburii*, *Metten. Cheil.* 37.

*brasiliensis*, *Raddi*.—*Cheilanthes cholorophylla*.

*bullosa*, *Kze. Lin.* xxiv. 274.—India: Madras (*Hook. fl. et Thom.* 121), Neilgherries (*Schmid* 33).

*Cheilanthes bullosa*, *Hook. Sp. Fil.* ii. 88, t. 96 A; *Metten. Cheil.* 49.

*caespitosa*, *Metten.*—*Cheilanthes marginata*.

*californica*, *Metten.*—*Adiantopsis californica*.

*candida*, *M. et Gal.*—*Nothochlæna pulveracea*.

*candida*, *Zoll.*—*Cheilanthes farinosa*, *B.*

*canescens*, *Kze. Lin.* xiii. 143; *Id. Lin.* xxiii. 243; *Id. Schkr. Supp.* i. 71, t. 35.—Mexico (*Aschenb.* 191).

*Cheilanthes canescens*, *KL. Lin.* xx. 337; *Liebm. Mex. Bregn.* 106; *Hook. Sp. Fil.* ii. 110.

*capensis*, *Eckl.*—*Cheilanthes multifida*.

*capensis*, *Sw.*—*Adiantopsis capensis*.

*caudata*, *R. Br. Prod. Fl. Nov. Holl.* 156.—Trop. New Holland.

*Cheilanthes caudata*, *Spreng. Syst.* 116; *Desv. Prod.* 304; *Kze. Lin.* xiii. 243; *Hook. Sp. Fil.* ii. 111; *Metten. Cheil.* 27.

*Dicksonia caudata*, *Poir. Enc. Supp.* ii. 475 (err. script.)

*charophylla*, *Fée*, in part.—*Cheilanthes hirsuta*.

*charophylla*, *Kze.*—*Cheilanthes marginata*.

*charophylloides*, *Fée*—*Cheilanthes marginata*.

*cheiloglyphis*, *M.*—Mexico (*Schaffn.* 91).

*Myriopteris cheiloglyphis*, *Fée, Cat. lith. Foug. Mex.* 37; *Id. Icon. Nouv.* 77; *Metten. Cheil.* 35.

*chilensis*, *Fée.*—*Cheilanthes glauca*, *γ.*

[*Gen.* 36, *Sp.* 975.]

chlorophylla, *Sw. Kong. Vet. Acad. Handl. Stock.* 1817, 76.—  
Brazil (*Gardn.* 5296), Organ Mountains (*Gardn.* 198),  
South Brazil; Monte Video; New Grenada (*Schlim* 620).

Cheilanthes chlorophylla, *Spreng. Syst.* 116; *Kze. Lin.* xxiii. 243;  
*Metten. Cheil.* 42.

Cheilanthes brasiliensis, *Raddi, Syn. Fl.* 134; *Id. Fl. Bras.* 60, t. 75,  
fig. 2; *Desv. Prod.* 305.

Cheilanthes spectabilis, *Ktze. Enum.* 214; *Spreng. Syst.* 117; *J. Sm.*  
*Hook. Journ. Bot.* iv. 169; *Id. Cat. Ferns* 30; *Brack. U.S. Expl.*  
*Exped.* xvi. 92; *Metten. Fl. Lips.* 62; *Lowe, Ferns* iv. t. 15.

Adiantopsis chlorophylla, *Fée, Gen.* 145.

Adiantopsis spectabilis, *Fée, Gen.* 145.

Aspidium conifolium, *Presl, Del. Prag.* i. 175.

Hypolepis conifolia, *Presl, Tent. Pter.* 162.

Hypolepis spectabilis, *Link, Fl. Sp.* 67; *Hook. Sp. Fl.* ii. 73, t. 88 B.

chrysophylla, *Hook.*—Cheilanthes argentea,  $\gamma$ .

chusana, *Hook.*—Cheilanthes mysurensis.

cicutafolia, *Wall. Hb.*—Ochropteris pallens.

ciliata, *Willd. Hb.*—Cheilanthes nudiuscula.

ciliata, *Fée.*—Cheilanthes marginata.

commutata, *Kze.*—Hypolepis anthriscifolia.

contigua, *Wall.*—Onychium lucidum.

contracta, *Kze.*—Pteris hastata,  $\delta$ .

coriacea, *Dcne. Arch. Mus.* ii. 190.—Arabia Felix.

Cheilanthes coriacea, *Hook. Sp. Fl.* ii. 109; *Metten. Cheil.* 50.

cornuta, *Kze. Lin.* x. 534; xxiii. 243.—South Africa (*Eckl.*  
67, no. 2; *Zeyh.* 4627.)

Cheilanthes cornuta, *Fée, Gen. Fl.* 156; *Pappe et Rawa. Syn. Fl.*  
*Afr. Aust.* 36; *Hook. Sp. Fl.* ii. 109; *Metten. Cheil.* 31.

Coulteri, *Harvey MS.*—Adiantopsis californica.

oreната, *Kze.*—Woodsia incisa.

crenulata, *Link.*—Cheilanthes marginata.

crenulata, *Spreng.*—Cheilanthes varians.

crenulata, *Beyr. Hb.*—Adiantopsis regularis.

cretacea, *Metten.*—Nothochlæna cretacea.

cuscutans, *Fée.*—Cheilanthes microphylla,  $\gamma$ .

culcita, *Desv.*—Ochropteris pallens.

cuneata, *Link.*—Cheilanthes angustifolia,  $\delta$ .

cuneata, *Lowe.*—Cheilanthes marginata.

Dalhousiae, *Hook. Sp. Fl.* ii. 80, t. 78 B.—India: Sikkim  
(*Hook. fil et. Thom.* 129), Kumaon, Mussoorie, Simla,  
Nynce Tâl, Poonah (*Jacquem.* 576).

Cheilanthes Dalhousiae, *Metten. Cheil.* 48.

davallioides, *Bory.*—Ochropteris pallens.

dealbata, *Don.*—Cheilanthes farinosa,  $\gamma$ .

dealbata, *Wall. in part.*—Cheilanthes farinosa.

dealbata, *Pursh.*—Nothochlæna dealbata.

[Gen. 38. Sp. 979.]

*Decaisnii*, Kze.—*Cheilanthes arabica*.  
*decomposita*, Willd.—*Cheilanthes angustifolia*.

*deltoides*, Kze. *Lin.* x. 535.—South Africa.

*Cheilanthes deltoides*, Fée, *Gen. Fil.* 156; *Hook. Sp. Fil.* ii. 106; *Metten. Cheil.* 32.

*Allosorus robustus*, Kze. *Lin.* x. 502; *Id. Schkr. Supp.* ii. 7, t. 104, fig. 1.—f. Metten.

*Cryptogramma robusta*, Pappe et Raws. *Syn. Fil. Afr. Aust.* 32.

*Onychium robustum*, Fée, *Gen. Fil.* 132.

*Pellaea robusta*, *Hook. Sp. Fil.* ii. 147.

? *densa*, Fée.—*Nothochlæna densa*.

*dichotoma*, Sw.—*Adiantopsis dichotoma*.

*dicksonioides*, Endl.—*Hypolepis tenuifolia*, γ.

*dicksonioides*, β. Kze.—*Hypolepis tenuifolia*, δ.

*dicksonioides*, Kze. Hb.—*Polypodium rugulosum*.

*digitata*, Presl, Hb. Mey.; *Id. Tent. Pter.* 160.—. . . .

*Cheilanthes digitata*, *Hook. Sp. Fil.* ii. 116.

*dissecta*, Hook. et Arn.—*Hypolepis tenuifolia*.

*distans*, A. Braun, *Ind. Sem. Hort. Ber.* 1859.—New Holland: Sydney, Subtropical interior (*Mitchell* 327), Swan River (*Drum.* 8666); New Zealand; New Caledonia; New Hebrides.

*Cheilanthes distans*, *Metten. Cheil.* 25.

*Cheilanthes ambigua*, Brack. *U. S. Expl. Exped.* xvi. 91.

*Cheilanthes interrupta*, Klfs. *Wes. der Fern.* 116.

*Acrostichum interruptum*, Sw. (spec. Vent. Hb. Wickstr.)—f. Wickstr.;

*Mertens Hb.*—f. Klfs.

*Acrostichum javense*, Willd. Hb. fol. 19555, no. 2 (non Sp.—f. Klfs.)

*Nothochlæna distans*, B. Br. *Prod. Fl. Nov. Holl.* 146. *Labill. Hort.*

*Austr. Cal.* 5, t. 7; *Poir. Enc. Supp.* iv. 110; *Desv. Prod.* 220;

*Spreng. Syst.* 43; *Wickstr. Kong. Vet. Acad. Handl. Stock.* 1825,

440; *Hook. Icon. Pl.* t. 980; *J. Sm. Hook. Journ. Bot.* iv. 50;

*Hook. fl. Fl. New Zealand* ii. 46; *Fée, Gen. Fil.* 159; *Kze. Lin.*

xxiii. 269; *Low, Ferns* i. t. 19 C.

*Nothochlæna interrupta*, Klfs. *Enum.* 137; *Spreng. Syst.* 43.

*Nothochlæna remota*, Klfs. *Enum.* 139.

*distans*, Colenso MS.—*Hypolepis distans*.

*distans*, v. *profusa*, Metten.—*Cheilanthes profusa*.

*divaricatissima*, Dryand. MS.—*Hypolepis rugulosa*.

? *dura*, Moore.—*Pteris dura*.

*Eckloniana*, Metten. *Cheil.* 22.—S. Africa: Kaffraria; Natal (*Krebs* 372); Namaqua land.

*Nothochlæna Eckloniana*, Kze. *Lin.* x. 501; xxiii. 269; *Link. Fil. Sp.*

146; *Fée, Gen. Fil.* 159; *J. Sm. Cat. Kew Ferns* 3; *Id. Cat. Ferns*

28; *Metten. Fil. Lips.* 45; *Pappe et Raws. Syn. Fil. Afr. Aust.* 42;

*Low, Ferns* i. t. 17 A.

*Nothochlæna Krebsiana*, Presl, *Tent. Pter.* 224?—f. Metten.

*Nothochlæna Marantæ*, Klfs. *Lin.* vi. 184.

*Ecklonii*, Spreng. MS.—*Cheilanthes hirta*.

*elata*, Kze.—*Hypolepis Bergiana*.



*elegans*, *Desv. Berl. Mag.* v. 328; *Id. Journ. Bot.* ii. 43, t. 13, fig. 2; *Id. Prod.* 305.—Columbia (*Triana* 238; *Moritz* i. 38, 33; *Hartw.* 1518; *Otto* 627); Caraccas (*Lind.* 512); Ecuador; Bolivia; Quito; Tucuman; Peru (*Ruis Hb.* 44; *Dombey* 84); Chili: E. side of Cordillera; Guatemalà; Mexico (*Schaffn.* (1854) 92, 93, 94; (1855) 313 a, b, c; *Galeotti* 6391—6381, *Hb. Hook.*; 6429, 6437, 6256; *Berlandier* 1131.)

*Cheilanthes elegans*, *Poir. Enc. Supp.* v. 536, 606; *Kze. Lin.* ix. 85? —f. *Hook.*; *H.B.K. Nov. Gen.* i. 22; *Sturm, Enum. Crypt. Chil.* 19; *Lowe, Ferns* iv. t. 20; *Hook. Sp. Fil.* ii. 102, t. 106 B; *Metten. Cheil.* 35.

*Cheilanthes lentigera*, *Presl, Rel. Hank.* i. 65; *M. et Gal. Foug. Mex.* 74.—f. *Hook.*; *Kze. Bot. Zeit.* iii. 285; *Metten. Fil. Lips.* 50.

*Cheilanthes paleacea*, *M. et Gal. Foug. Mex.* 76, t. 21, fig. 2.—f. *Hook.*; *Liebm. Mex. Bregn.* 107.

*Cheilanthes scariosa*, *Kze. Lin.* xiii. 144.—f. *Metten.*; *Kl. Lin.* xx. 338.

*Myriopteris paleacea*, *Fée, Gen. Fil.* 149.

*Myriopteris elegans*, *J. Sm. Cat. Ferns* 29.

*Myriopteris marsupianthes*, *Fée, Gen. Fil.* 149, t. 12 A, fig. 1.

*elegans*, *Kze.*—*Cheilanthes myriophylla*.

*elongata*, *Willd. Hb. : Klfs. Enum.* 213.—W. Indies: St. Domingo, Cuba, Gaudeloupe (*Funck et Schlim* 215.—f. *Metten.*); Mexico.

*Cheilanthes elongata*, *Kze. Lin.* xiii. 243, 308; *Hook. Sp. Fil.* ii. 86; *Metten. Cheil.* 33.

*Cheilanthes Linkiana*, *Kze. Ind. Fil. Hort. Bot. Lips.*—f. *Kze.*

*Cheilanthes microphylla*, *Link, Fil. Sp.* 63 (non Sw.)—f. *Kze.*

*Cassebeera microphylla*, *J. Sm. Hook. Journ. Bot.* iv. 159.

*Nothochlæna nigricans*, *Desv. Prod.* 221?

*Pteris nigricans*, *Poir. Enc. Supp.* iv. 610? *Willd. Sp. Pl.* v. 396? *Spreng. Syst.* 76? (Plum. t. 42).

*elongata*, *Kl. MS.*—*Cheilanthes Moritziana*.

*eriophora*, *Metten.*—*Nothochlæna palmatifida*.

*farinosa*, *Klfs. Enum.* 212.—Arabia; Abyssinia (*Schimp.* 752, 1123); Bourbon (*Boivin* 824); India (*Hook. fil. et Th.* 127); Nepal, Simla, Mussoorie, Nynee Tâl, Almorah, Kumaon (*Jacquem.* 2496), Khasya, Assam, Moulmein, Scinde, Neilgherries; Philippine Islands (*Cuming* 235); New Grenada (*Schlim* 815).

*Cheilanthes farinosa*, *Spreng. Syst.* 117; *Hook. et Grev. Icon. Fil.* t. 134; *Hook. Bot. Mag.* t. 4765; *Id. Sp. Fil.* ii. 77, 114; *J. Sm. Hook. Journ. Bot.* iii. 404; *Id. Cat. Ferns* 30; *Kze. Lin.* xxiv. 274, in obs.; *Lowe, Ferns* iv. t. 13; *Metten. Cheil.* 46.

*Cheilanthes dealbata*, *Wall. Cat.* 71, in part.

*Cheilanthes pulveracea*, *Spreng. Syst.* 115, in part.

*Aleuritopteris argyrophylla*, *Fée, Gen. Fil.* 154 (excl. syn. *Presl.*)

*Aleuritopteris dealbata*, *Fée, Gen. Fil.* 154, t. 12 B, fig. 2.

*Aleuritopteris farinosa*, *Fée, Gen. Fil.* 153, t. 12 B, fig. 1.

*Allosorus argyrophylus*, *Presl, Tent. Pter.* 153.

*Allosorus farinosus*, *Presl, Tent. Pter.* 153.

[*Gen. 38. Sp. 906.*]

*Cassebeera farinosa*, J. Sm. *Hook. Journ. Bot.* iv. 159; *M. et Hoult.* *Gard. Mag. Bot.* iii. 185, fig. 34.

*Pteris argentea*, Bory. *Voy.* i. 327 (spec. minor subtern.)

*Pteris argyrophylla*, Sw. *Syn. Fil.* 105; *Willd. Sp. Pl.* v. 361; *Poir. Enc. Suppl.* iv. 601.

*Pteris bicolor*, Roxb. *Calc. Journ. Nat. Hist.* iv. 567.

*Pteris farinosa*, Forsk. *Fl. Egypt. Arab.* 187; *Sw. Syn. Fil.* 105; *Willd. Sp. Pl.* v. 397; *Vahl, Symb.* iii. 103, t. 75; *Poir. Lam. Enc.* v. 718; *Desv. Prod.* 297.

*Pteris decursiva*, Forsk. *Fl. Egypt. Arab.* 186.—f. *Klfs.*; *Sw. Syn. Fil.* 101—f. *Hook.*; *Willd. Sp. Pl.* v. 396; *Poir. Enc. Bot.* v. 720; *Desv. Prod.* 300.

—*β. sulphurea*, M.—Mexico, Oaxaca (*Galeotti* 6551); Peru; Panama; Abyssinia (*Schimp.* 752, 1123); India: Bombay, Neilgherries (*Kurr* 3; *Weigle* 13), Khasya (*Hook. fl. et Th.* 127\*), Nepal, Simla, N. W. Himalaya.

*Allosorus sulphureus*, Presl, *Tent. Pter.* 153; *Hook. Sp. Fil.* ii. 153.

*Aleuritopteris sulphurea*, Fée, *Gen. Fil.* 154.

*Nothochlæna sulphurea*, J. Sm. *Bot. Voy. Herald* i. 233.

*Pteris sulphurea*, Cav. *Praelect.* (1801) 289 (New Spain); *Sw. Syn. Fil.* 105; *Willd. Sp. Pl.* v. 361; *Poir. Enc. Suppl.* iv. 601; *Desv. Prod.* 294; *Spreng. Syst.* 70; *Leibm. Mex. Bregm.* 72; *Brack. U. S. Expl. Exped.* xvi. 111; *Metten. Cheil.* 46.

—*γ. rigidula*, M.—India: Madras, Seringapatam.

*Cheilanthes rigidula*, Wall. *Cat.* 2175.

—*δ. dealbata*, M.—India: Neilgherries (*Hohenack.* 908; *Schmid* 2, 48, 53, 58, 59, 138; *Hook. fl. et Th.* 127 in part); Ceylon (*Gardn.* 1168; *Col. Perad.* 2987; *Fraser* 145); Java (*Zoll.* 2224); Mexico (*Leibold* 53 in part—f. *Mett.*; *Schaffn.* (1855) 156 a, b, 323; (1856) 482.)

*Cheilanthes dealbata*, Don, *Prod. Fl. Nep.* 16; *Wall. Cat.* 71 in part; *Spreng. Syst.* 115; *Kze. Bot. Zeit.* vi. 211; *Id. Lin.* xxiii. 243; xxiv. 274; et *Hort. plur.*

*Cheilanthes candida*, Zoll. *Nat. en Ges. Archiv.* Neerd. Ind. ii. 203; *Haask. Flora*, 1847, 318.

*Cheilanthes lactea*, Klfs.—f. *Presl.*

*Cheilanthes melanoleuca*, Don *MS.*: *Hb. Soc. Lin.*

*Cheilanthes pulveracea*, Presl, *Rel. Hænk.* i. 64 (spec. min. subtriang.); *Spreng. Syst.* 115, in part; *Kze. Lin.* xviii. 333, in part—f. *Metten.*; xx. 4; xxiii. 246; *Hook. Sp. Fil.* ii. 78; *Metten. Fil. Lips.* 51 (quoad descr. excl. spec. hort.); *Lowe, Ferns* iv. t. 28: *Leibm. Mex. Bregm.* 105; *Metten. Cheil.* 46.

*Allosorus pulveraceus*, Presl, *Tent. Pter.* 153.

*Allosorus dealbatus*, Presl, *Tent. Pter.* 153.

*Aleuritopteris indica*, Fée, *Gen. Fil.* 154.

*Aleuritopteris mexicanus*, Fée, *Gen. Fil.* 154; *Id. Iconogr. Nouv.* 117.

*Aleuritopteris pulveraceus*, Fée, *Iconogr. Nouv.* 117.

*Gymnia pectinata*, Hamilt. *MS.*—f. *Don.*

*Hemionitis dealbata*, Wall. *MS.*—f. *Don.*

*Pteris lactea*, Wall. *Hb.*; ? *Zenk. MS.*: *Hb. Kze.*—cit. *Metten.*

(An species distinct.)

*farinosa*, v. *vestita*, Wall.—*Cheilanthes rufa*.

*fasciculata*, Goldm.—*Cheilanthes pruinata*.

*Féei*, Moore.—*Cheilanthes lanosa*, *β.*

*Fendleri*, *Hook. Sp. Fl.* ii. 103, t. 107 B.—New Mexico (*Fendl.* 1015; *Wright* 2126 in part).

*Cheilanthes Fendleri*, *Mett.* *Cheil.* 35.

*ferruginea*, Willd.—*Nothochlæna rufa*.

*fimbriata*, *Visiani, Fl. Dalm.* 42, 43, t. 1, fig. 1—Dalmatia.

*Cheilanthes fimbriata*, *Kze. Bot. Zeit.* ii. 277.

*firma*, Moore.—*Cheilanthes triangularis*.

*flexuosa*, *Kze. Lin.* xxii. 578.—Brazil.

*Cheilanthes flexuosa*, *Hook. Sp. Fl.* ii. 104; *Mett.* *Cheil.* 42.

*Cheilanthes microphylla*, *Bongard MS.*

—*β. minor*, *Kze. Lin.* xxii. 578.—Brazil (*Regn.* ii. 320).

*Cheilanthes flexuosa, β. minor*, *Mett.* *Cheil.* 43.

*fragilis*, *Hook. Fl. Exot.* i. t. 96.—Moulmein.

*fragrans*, *Webb et Berth. Phytogr. Canar.* iii. pt. 4, 452.—

Regio Medit.; France, Isl. of Hyeres; Switzerland; Spain; Portugal; Italy; Dalmatia; Greece, Mt. Hymettus; Turkey, Mt. Athos; Madeira; Canaries; Teneriffe (*Bourg.* 1544, 1551 in part); Barbary; Syria; India: N. W. Himalaya (*Hook. fl. et Th.* 124); Afghanistan, Peshawur Hills.

*Cheilanthes fragrans*, *J. Sm. Hook. Journ. Bot.* iv. 159; *Kze. Lin.* xxiii. 243; *Hook. Sp. Fl.* ii. 81, 115; *Lowe, Ferns* iv. t. 17 B; *Mett.* *Cheil.* 38.

*Cheilanthes odora*, *Sw. Syn. Fl.* 127, 327; *Schkr. Crypt.* 115, t. 123; *Willd. Sp. Pl.* v. 457; *Spreng. Syst.* 116; *Presl, Tent. Pter.* 160; *Link, Fl. Sp.* 65.

*Cheilanthes maderensis*, *Lowe, Bot. Misc.* n. s., i. 26; *Id. Trans. Camb. Phil. Soc.* vi. 528.

*Cheilanthes suaveolens*, *Sw. Syn. Fl.* 127; *Schkr. Crypt.* 116, (t. 19, as *Ad. fragrans*); *Willd. Sp. Pl.* v. 456; *Spreng. Syst.* 116; *Presl, Tent. Pter.* 160; *Hook. Gen. Fl.* 106 B; *Fée, Gen. Fl.* 166; *Kze. Lin.* xxiii. 245; *Sibth. Fl. Græc.* t. 966.

*Cheilanthes squamosa*, *Heer et Regel, Lin.* xxiv. 174.—f. *Kze.*

*Adiantum fragrans*, *Lin. Fl. Supp.* 447; *Schkr. Crypt.* t. 19; *De Candolle, Fl. Franç.* ii. 549; *Viv. Fragm.* t. 11, fig. 2.

*Adiantum odoratum*, *Poir. Enc. Supp.* i. 142.

*Adiantum odorum*, *De Candolle, Fl. Franç.* v. 237.

*Adiantum pusillum*, *Allioni, ex. Poll. Fl. Veron.* iii. 293.

*Adiantum suaveolens*, *Poir. Enc. Supp.* i. 142.

*Allosorus fragrans*, *Bernh.*

*Allosorus pusillus*, *Bernh. Schrad. n. Journ. Bot.* 1806, i. pt. 2, 36, t. 2, fig. 6.

*Polypodium fragrans*, *Lin. Mant.* 307 (non *Sp. Pl.* 1559); *Desf. Fl. Atlant.* ii. 403, t. 287; *Poir. Enc. Supp.* v. 537.

*Polypodium odoratum*, *Poir. Enc. Supp.* v. 541 (excl. syn.)—see *Lactrea rigida*.

*Polypodium pteridioides*, *Echb. Syst. Pl.* iv. 424.

*Pteris acrosticha*, *Balbis, Add. Fl. Pedem.* 96.

*Pteris fragrans*, *Lagasca, "Anal. de Cienc.* v. 158."

*fragrans*, Sw.—*Cheilanthes mysurensis*.

March, 1861.

*frigida*, Linden, *Cat.* 1856.—South America (*Lind.* 49).

*Cheilanthes frigida*, Moore, *Gard. Chron.* 1857, 772.

*Cheilanthes lendigera*, Lowe, *Ferns* iv. t. 24.

*Myriopteris frigida*, J. Sm. *Cat. Ferns* 29.

*fuscata*, Bl. *Enum.* 116.—Moluccas.

*Cheilanthes fuscata*, Hook. *Sp. Fil.* ii. 116; Metten. *Cheil.* 23.

*glandulifera*, M.—Brazil.

*Cheilanthes glandulosa*, Fée, *Gen. Fil.* 156; Metten. *Cheil.* 51.

*glandulifera*, Liebm.—*Cheilanthes viscosa*.

*glandulosa*, Sw. *Vetensk. Acad. Handl. Stock.* 1817, 77.—Brazil.

*Cheilanthes glandulosa*, Spreng. *Syst.* 117.

*glandulosa*, Fée.—*Cheilanthes glandulifera*.

*glandulosa*, Pappe et Raws.—*Cheilanthes hirta*, γ.

*glauca*, Metten. *Cheil.* 31, t. 3, fig. 18, 19.—New Spain; Mexico (*Asch. & Sm.* 154, 155.)

*Acrostichum glaucum*, Cav. "*Anal. de Cienc. Nat.* i. 107;" Poir. *Enc. Suppl.* i. 130.

*Pteris glauca*, Cav. *Prælect.* (1801), 269; Sw. *Syn. Fil.* 105; Poir. *Enc. Suppl.* iv. 609; Willd. *Sp. Pl.* v. 389; Spreng. *Syst.* 75; Desv. *Prod.* 306; Presl, *Tent. Pter.* 145; Liebm. *Mex. Breg.* 72.

—β. *integerrima*, M.—Chili (*Lechl.* 2930).

*Allosorus decompositus*, Kze. *Hb.*; Metten. *Fil. Lechl.* 11; Sturm, *Enum. Chil.* 15.

—γ. *hirsuta*, M.—Chilian Andes: Valparaiso (*Cuming* 199, 253).

*Cheilanthes chilensis*, Fée, *Gen. Fil.* 156; *Id. Iconogr. Novv.* 37, t. 18, fig. 2; Gay, *Chil.* vi. 497; Sturm, *Enum. Chil.* 19.

*Allosorus hirsutus*, Presl, *Bot. Hark.* i. 59, t. 10, fig. 1; *Id. Tent. Pter.* 153; Kze. *Lin.* ix. 56; Spreng. *Syst.* 66; J. Sm. *Hook. Journ. Bot.* iv. 49; Sturm, *Enum. Chil.* 15.

*Pellaea hirsuta*, Hook. *Sp. Fil.* ii. 152.

*globata*, Poir.—*Cheilanthes multifida*.

*gracillima*, Eaton, *Rep. Mex. Bound. Survey*.—Oregon; California (*Bridges* 299.)

*gracilis*, Metten.—*Cheilanthes lanosa*, β.

*gracilis*, Klfs.—*Allosorus Stelleri*.

*Griffithiana*, Fée.—*Cheilanthes varians*.

*guanchica*, O. Bolle.—*Cheilanthes pulchella*.

*hastata*, Kze.—*Pteris hastata*.

*hastata*, γ. *macrophylla*, Kze.—*Pteris hastata*, β.

*hastata*, γ. *stenophylla*, Kze.—*Pteris hastata*, γ.

*hastata*, γ. *contracta*, Kze.—*Pteris hastata*, δ.

*hastifolia*, Kze.—*Pteris hastata*, γ.

*heterophylla*, Willd.: Klfs.—*Pteris pilosa*.

[Gen. 38. Sp. 997.]

*hirsuta*, Link, *Hort. Ber.* ii. 42; *Id. Fl. Sp.* 63.—Mexico (Schaffn. 88, (1855) 302, 304, 305); Brazil (Blanch. 508) ? Venezuela (Fendl. 90, in part).

*Cheilanthes chserophylla*, Fée, in part.—f. spec. Schaffn.

*Cheilanthes hirsuta*, Kze. *Lin.* xxiii. 244; *Liebm. Mex. Bregm.* 108;

*Hook. Sp. Fl.* ii. 110.

*Cheilanthes pyramidalis*, Fée, *Iconogr. Nouv.* 38, t. 25, fig. 3; *Id. Cat.*

*lith. Foug. Mex.* 11.

*Allosorus pyramidalis*, Schaffn. *MS.: Hb. Fée.*

*Othnoloma* (§) *hirsuta*, Link, *Hort. Ber.* ii. 41.—f. Kze.

*hirsuta*, Metten.—*Cheilanthes nudiuscula*.

*hirta*, Sw. *Syn. Fl.* 128, 329.—S. Africa (*Krauss* 747; *Zeyh.* 836, 839, 1880), Macalisberg, Uitenhage; Natal; China; Java.

*Cheilanthes hirta*, Willd. *Sp. Pl.* v. 458; *Spreng. Syst.* 117; *Desv. Prod.* 304; *Schlecht. Adumb.* 50, t. 30; *Bl. Enum.* 137; *Kze. Lin.* x. 539 (var. a et b); xxiii. 244; *Presl, Tent. Pter.* 160; *Link, Fl. Sp.* 65; *Fée, Gen. Fl.* 156; *Hook. Sp. Fl.* ii. 92, t. 101 B, fig. 1—3; *Pappe et Raws. Syn. Fl. Afr. Aust.* 35; *Lowe, Ferns*, iv. t. 18; *Metten. Fl. Lips.* 50; *Id. Cheil.* 29.

*Cheilanthes Ecklonii*, *Spreng. MS. Hb. Ecklon.*—f. Kze.

*Adiantum cafferorum*, Sw. *Schrad. Journ.* 1800, ii. 85.

*Adiantum hirtum*, Poir. *Enc. Supp.* i. 142.

*Allosorus cafferorum*, Bernh.

*Myriopteris contracta*, Fée, *Gen. Fl.* 149.

*Myriopteris intermedia*, Fée, *Gen. Fl.* 149.

*Nothochlæna hirta*, J. Sm. *Hook. Journ. Bot.* iv. 50.

—*β. parviloba*, Hook. *Sp. Fl.* ii. 92.—South Africa (*Krauss* 745).

*Cheilanthes parviloba*, Sw. *Syn. Fl.* 128, 331; *Willd. Sp. Pl.* v. 459; *Desv. Prod.* 304; *Spreng. Syst.* 116; *Presl, Tent. Pter.* 160; *Fée, Gen. Fl.* 156.

*Cheilanthes hirta*, *β. parviloba*, Kze. *Lin.* x. 541.

*Adiantum parvilobum*, Sw. *Schrad. Journ.* 1800, ii. 85; *Poir. Enc. Supp.* i. 143.

*Allosorus parvilobus*, Bernh.

—*γ. laxa*, Kze. *Lin.* 548.—South Africa; Griqua land.

*Cheilanthes hirta*, *β.* Hook. *Sp. Fl.* t. 101 B, fig. 4.

*Cheilanthes glandulosa*, Pappe et Raws. *Syn. Fl. Afr. Aust.* 35.

*Cheilanthes olivacea*, Fée, *Gen. Fl.* 156.

*Nothochlæna capensis*, *Spreng. Syst. Supp.* 32. (Schl. t. 30).

*hispanica*, Metten. *Cheil.* 30.—Spain.

*hispidula*, Kze.—*Cheilanthes javensis*.

*hypoleuca*, Metten.—*Nothochlæna hypoleuca*.

*hostilis*, Kze.—*Hypolepis hostilis*.

*imbricata*, Desv.—*Jamesonia imbricata*.

*incisa*, Kze. Hb.—*Adiantopsis incisa*.

*inequalis*, Metten. *Cheil.* 24, t. 3, fig. 4.—South Africa; Natal.

*Nothochlæna inequalis*, Kze. *Schkr. Supp.* i. 146, t. 54, fig. 1; *Id. Lin.* xx. 2; xxiii. 270; *Fée, Gen. Fl.* 159; *Pappe et Raws. Syn. Fl. Afr. Aust.* 43.

*induta*, Kze. *Lín.* x. 538.—South Africa.

*Cheilanthes induta*, Hook. *Sp. Fil.* ii. 92, t. 102 A; *Pappe et Raws.*

*Syn. Fil. Afr. Aust.* 36; *Metten. Cheil.* 39.

*Myriopteris induta*, Fée, *Gen. Fil.* 149, t. 12 A, fig. 3 (hairs).

*interrupta*, Klfs.—*Cheilanthes distans*.

*intramarginalis*, Hook. *Sp. Fil.* ii. 112.—Mexico (*Galeotti* 6329, 6389, 6467; *Leibold* 110; *Schaffn.* (1854-5) 153, 286; *Lind.* 40, 1531; *Botteri* 37); Guatemala; Central America (*Barclay* 2130).

*Cheilanthes intramarginalis*, *Metten. Fil. Lips.* 51; *Id. Cheil.* 49 (incl. vars.)

*Cheilanthes Prionopteris*, A. Braun *MS.*—f. Kze.

*Allosorus intramarginalis*, Presl, *Tent. Pter.* 153; *Kze. Lín.* xxiii. 219;

*Liebm. Mez. Brega.* 70.

*Cassebeera intramarginalis*, J. Sm. Hook. *Journ. Bot.* iv. 112; *Id. Bot. Mag.* 1846, comp. 20.

*Pellaea intramarginalis*, J. Sm. *Cat. Kew Ferns* 4; *Id. Cat. Ferns* 31.

*Platyloma intramarginalis*, Lowe, *Ferns* iii. t. 31.

*Pteris fallax*, M. et Gal. *Foug. Mex.* 53, t. 14, fig. 2.

*Pteris intramarginalis* (laps. cal.) Link, *Hort. Ber.* ii. 34; M. et Gal. *Foug. Mex.* 63.

*Pteris intramarginalis*, Klfs. *MS. Hort. Ber.*; *Schlecht. Lín.* v. 613; *Kze. Anal. Pter.* 21, t. 17, fig. 1; *Id. Lín.* xviii. 336; Link, *Fil. Sp.* 55; Fée, *Gen. Fil.* 126.

*javanica*, Kze.—*Cheilanthes javensis*.

*javensis*, M.—Java (*Zoll.* 237, 259z, 1719, 2161, 2623, 3063); Moluccas.

*Cheilanthes hispidula*, Kze. *Bot. Zeit.* vi. 212; *Metten. Cheil.* 26.

*Cheilanthes setigera*, Zoll. *Hb.*

*Cheilanthes tenuifolia*, Kze. *Bot. Zeit.* vi. 212; (*Zoll.* 287).

*Cheilanthes javanica*, Kze. *Bot. Zeit.* vi. 211.

*Cheilanthes moluccana*, Bl. *Enum.* 136; Hook. *Sp. Fil.* ii. 90.

*Cheilanthes semiglabra*, Fée, *Gen. Fil.* 156.

*Acrostichum javense*, Willd. *Sp. Pl.* v. 126 in part, i.e. Hb. fol. 19555, no.

1.—f. Kze.; *Poir. Enc. Supp.* v. 533.

*Cincinalis javensis*, Desv. *Berl. Mag.* v. 329; Klfs. *Enum.* 140.

*Nothochlæna javanica*, Kze. *Hb.*

*Nothochlæna javensis*, Desv. *Prod.* 221.

*Nothochlæna semiglabra*, Kze. *Schr. Supp.* ii. 59, t. 124, fig. 2; *Id. Lín.* xiii. 270, 314.

*Kaulfussii*, Kze.—*Cheilanthes viscosa*.

*Kleinhoffii*, Bl. *Enum.* 137.—Java: orient.—f. Hassk.

*Cheilanthes Kleinhoffii*, Hook. *Sp. Fil.* ii. 90, Hassk. *Flora.* 1847, 318.

(An *Cheilanthes javensis*, juven.)

*Klotzschiana*, Kze. *MS.*—*Gymnogramma flexicaulis*.

*Kunzei*, Metten. *Cheil.* 27, t. 3, fig. 6-7.—S. Africa.

*Cheilanthes profusa*, v. minor, Kze. *Lín.* x. 536; *Id. Schr. Supp.* i. 33, t. 17 c.

*lactea*, Klfs.—*Cheilanthes farinosa*, f.

[Gen. 38. Sp. 1006]

**lanosa, M.**—N. America: Illinois, St. Louis, Rocky Mountains, Oregon, California, New Mexico (*Wright* 818); Mexico.

*Cheilanthes lanuginosa*, *Nutt. MS.: Hb. Hook.*

*Cheilanthes lepida*, *Lind. Cat.* 1859 (Mexico.)

*Cheilanthes vestita*, *Hook. Sp. Fl.* ii. 98, t. 106 B, in part: non Swartz; *Brack. U. S. Expl. Exped.* xvi. 91; *f. A. Gray, Bot. N. U. States* 591, t. 10.

*Aspidium lanosum*, *Sw. Syn. Fl.* 58.

*Nephrodium lanosum*, *Mich. Fl. Bor. Amer.* ii. 270, in part.

—**β. minor, M.**—N. America: Hillsboro, Missouri; New Mexico (*Wright* 2125).

*Cheilanthes Féei*, *Moore*, ante p. xxxviii.

*Cheilanthes gracilis*, *Mitten. Cheil.* 36.

*Cheilanthes vestita*, *Bickel Hb.* 529.—*f. Fée.*

*Cheilanthes vestita*, *v. minor*, *Hook. Sp. Fl.* ii. 98.

*Myriopteris gracilis*, *Fée, Gen. Fl.* 149, 150, t. 29, fig. 6.

**lanuginosa, M. et Gal.**—*Cheilanthes lendigera*, **β.**

**lanuginosa**, *Nutt. MS.*—*Cheilanthes lanosa*.

**laxa, M. Sched. Hb. Ind. Or.**—Ceylon (*Col. Perad.* 1821; *Gardn.* 1821; *Hook. fil. et Th.* 123\*)

**lendigera, Sw. Syn. Fl.** 128, 328.—Quito (Sw.); N. Spain; Peru; Mexico (*Galeotti* 6450; *Aschenb.* 528; *Leibold* 55; *Wagner*, 125, 440; *Schaffn.* (1855) 96); Guatemala; St. Martha.—Amman, *Com. Pet.* x. t. 22, fig. 3.—*f. Willd.*

*Cheilanthes lendigera*, *Spreng. Syst.* 117 (excl. syn. Desv.); *Desv. Prod.* 805; *Hook. Sp. Fl.* ii. 95, t. 104 B; *Mitten. Cheil.* 36, t. 3, fig. 8-11.

*Cheilanthes lanuginosa, M. et Gal. Foug. Mex.* 75, t. 20, fig. 2; *Kl. Lin.* xi. 338.

*Cheilanthes lendigera, Willd. Sp. Pl.* v. 400; *Presl, Tent. Pter.* 161, t. 6, fig. 17; *Id. Rel. Hank.* i. 65; *Link, Fl. Sp.* 66; *Brack. U. S. Expl. Exped.* xvi. 92; *Koe. Lin.* xviii. 842; xxiii. 244; *Liebman. Mex. Bregn.* 107.

*Cheilanthes tenuis, Hort.; Lowe, Ferns*, iv. t. 23.

*Adiantum lendigerum, Poir. Enc. Supp.* i. 142.

*Myriopteris lendigera, Fée, Gen. Fl.* 149, t. 12 A, fig. 4.

*Myriopteris villosa, Fée, Gen. Fl.* 149, t. 28, fig. 3.

*Myriopteris lendigera, J. Sm. Cat. Ferns* 28.

*Nothochlæna lendigera, J. Sm. Hook. Journ. Bot.* iv. 50; *Id. Bot. Mag.* 1846, comp. 10 (*lendigera*); *Id. Cat. Kew Ferns*, 3.

*Pteris lendigera, Cav. Prælect.* (1801) 268.

—**β. minor, Hook. Sp. Fl.** ii. 96, t. 106 A. (excl. syn.)—Mexico (*Galeotti* 6256—*Hb. Hook.*; 6257, 6464, 6467, 6478); Orizaba, Oaxaca, Vera Cruz (*Lind.* 49), Tampico (*Berlandier* 414).

*Cheilanthes minor, M. et Gal. Foug. Mex.* 75, t. 21, fig. 1.

*Myriopteris minor, Fée, Gen. Fl.* 149, 150.

**lendigera, Lowe.**—*Cheilanthes frigida*.

**lentigera, M. et Gal.**—*Cheilanthes elegans*.

*lentigera*, Willd.—*Cheilanthes lendigera*.

*lepida*, Lind.—*Cheilanthes lanosa*.

*leptophylla*, R. Br.—*Onychium melanolepis*.

*leucopoda*, Link, *Fil. Sp.* 66.—Mexico.

*Cheilanthes leucopoda*, Kl. *Lin.* xx. 338; Kze. *Lin.* xxiii. 244; Hook. *Sp. Fil.* ii. 105; Metten. *Cheil.* 30.

*Lindheimeri*, Hook. *Sp. Fil.* ii. 101, t. 107 A.—Texas (*Lindh.* 744); New Mexico (*Wright* 817; *Seem.* 1934).

*Cheilanthes Lindheimeri*, Metten. *Cheil.* 35.

*Myriopteris Lindheimeri*, J. Sm. *Bot. Voy. Herald* 340.

*linearis*, Moore.—*Cheilanthes triangula*.

*Linkiana*, Kze.—*Cheilanthes elongata*.

*lonchophora*, Röm.—*Litobrochia lonchophora*.

*lucida*, Wall.—*Onychium lucidum*.

*lutea*, M.—New Spain.

*Pteris lutea*, Cav. *Prælect.* (1801) 287; Willd. *Sp. Pl.* v. 383; Poir. *Enc. Supp.* iv. 604; Desv. *Prod.* 297; Spreng. *Syst.* 74; Liebm. *Mex. Bregn.* 72; Metten. *Cheil.* 20.

*MacLeanii*, Hook.—*Cheilanthes pilosa*.

*macrophylla*, Kze.—*Pteris hastata*, β.

*maderensis*, Lowe.—*Cheilanthes fragrans*.

*malaccensis*, Fée.—*Cheilanthes varians*.

*marginata*, H.B. Kth.: *Nov. Gen.* i. 22, vii. t. 669.—Columbia (*Hartw.* 1513; *Moritz* 262), Venezuela, (*Funk et Schlim* 843; *Fendl.* 90 in part), Caraccas (*Lind.* 508); New Grenada; Argentine Republic; Peru; Quito (*Jameson* 214); Mexico (*Galeotti* 6544 (Fée), 6367, 6456; *Leibold* 113; *Aschenb.* 155; *Schaffn.* 87, 298, 303); Guatemala; Jamaica.

*Cheilanthes marginata*, Poir. *Enc. Supp.* v. 536, 606; Desv. *Prod.* 305; Link, *Fil. Sp.* 62; Hook. *Sp. Fil.* ii. 105 (excl. syn. Kze.); Metten. *Fil. Lips.* 51; Id. *Cheil.* 45 (excl. *C. hirsuta* et *C. pyramidalis*).

*Cheilanthes caespitosa*, Metten. *Fil. Lips.* 51 (excl. syn. Pr.)

*Cheilanthes charophylla*, Kze. *Lin.* xxiii. 243, 307; Fée, *Gen. Fil.* 156; Metten. *Fil. Lips.* 51.

*Cheilanthes charophylloides*, Fée, *Iconogr. Nouv.* 117; Id. *Cat. lith. Foug. Mex.* 11.

*Cheilanthes ciliata*, Fée, *Cat. lith. Foug. Mex.* 11.

*Cheilanthes crenulata*, Link, *Hort. Ber.* ii. 42; Id. *Fil. Sp.* 63.

*Cheilanthes cuneata*, Lowe, *Ferns* iv. t. 27.

*Cheilanthes rufescens*, Link, *Hort. Ber.* ii. 39; Id. *Fil. Sp.* 62; Fée, *Gen. Fil.* 156.

*Allosorus caespitosus*, Kze. *Lin.* xxiii. 218.

*Allosorus charophyllus*, M. et Gal. *Foug. Mex.* 47, t. 11.

*Allosorus ciliatus*, Presl, *Rel. Hant.* i. 59; Id. *Tent. Pter.* 153; Kze. *Lin.* ix. 56; xiii. 139; xviii. 325 (incl. var.); xxiii. 219; Spreng. *Syst.* 66; J. Sm. *Hook. Journ. Bot.* iv. 49; Kl. *Lin.* xx. 340; M. et Gal. *Foug. Mex.* 48; Liebm. *Mex. Bregn.* 66.

*Allosorus marginatus*, J. Sm. *Bot. Voy. Herald* 341.

[Gen. 38. Sp. 1013.]



*Cryptogramma Jamesoni*, Hook. et Grev. Icon. Fil. sub. t. 158; Hook.

*Sp. Fil.* ii. 127, in nota.

*Onychium charophyllum*, Fée, Gen. Fil. 132.

*Matthewsii*, Kze.—*Cheilanthes pruinata*.

*melanocoma*, Bory.—*Cheilanthes mysurensis*.

*melanoleuca*, Don MS.—*Cheilanthes farinosa*, ß.

*Meyeniana*, Presl MS.: *Hb. Meyen*; *Id. Tent. Pter.* 160—? ...

*Cheilanthes Meyeniana*, Hook. *Sp. Fil.* ii. 116.

*micrantha*, Wall.—*Cheilanthes tenuifolia*.

*microphylla*, Sw. *Syn. Fil.* 127.—W. Indies: Jamaica (*Hartw.*

1581), St. Domingo, St. Eustace, Cuba (*Wright* 887;

*Lind.* 1899), St. Vincent's, Guadeloupe, Montserrat; Co-

lumbia: Venezuela (*Fuenc. et Schlim* 842; *Lind.* 842);

Peru (*Spruce* 4083; *Matheus* 3297); Panama; Mexico

(*Galeotti* 6564; *Aschenb.* 563; *Coult.* 1678; *Schaffn.*

(1856) 481); Galapagos.—Sloane i. t. 13, fig. 2.

*Cheilanthes microphylla*, Willd. *Sp. Pl.* v. 458; *Spreng. Syst.* 116;

*Desc. Prod.* 304; *Schlecht. Lin.* v. 616; *Kze. Lin.* xiii. 143; xviii.

339; xxiii. 244, 308 (excl. syn. Link); *Presl, Tent. Pter.* 160; *Link,*

*Fil. Sp.* 63; *Fée, Gen. Fil.* 156; *J. Sm. Cat. Kew, Ferns* 8; *Id.*

*Cat. Ferns* 19; *Metten. Fil. Lips.* 50; *Id. Cheil.* 32, t. 3, fig. 5;

*Hook. Sp. Fil.* ii. 84, t. 88 (excl. syn. J. Sm.).

*Cheilanthes pteroides*, *Hort. var.*

*Cheilanthes pubescens*, H.B.K. *Nov. Gen.* i. 21.—f. Schlecht.; *Poir.*

*Enc. Supp.* v. 636, 606.

*Cheilanthes pygmaea*, Kl. *Lin.* xx. 338; *Hook. Sp. Fil.* ii. 88. (*Aschenb.*

563).

*Adiantum microphyllum*, Sw. *Prod.* 135; *Id. Fl. Ind. Occ.* iii. 1713.

*Adiantum pubescens*, *Poir. Enc. Supp.* i. 141.

*Allosorus microphyllus*, Bernh.: *Liebm. Mex. Bregn.* 67.

*Nothochlæna cheilanthoides*, *Spreng. Nov. Act. N.C.* xx. 227, t. 17,

fig. 3-4.

*Pteris notholaenoides*, *Desc. Prod.* 299.

—ß. *micromera*, M.—Mexico (*Galeotti* 6339, 6557; *Schaffn.*

(1854) 84, 85; (1855) 319); Orizaba (*Botteri* 38); Carac-

as (*Moritz* 33 (Fée), 39); Jamaica: St. Andrew's Moun-

tains.—Plum t. 58.

*Cheilanthes micromera*, Link, *Hort. Ber.* ii. 36; *Id. Fil. Sp.* 64; *Presl,*

*Tent. Pter.* 160; *M. et Gal. Foug. Mex.* 76; *J. Sm. Cat. Kew*

*Ferns* 8; *Lowc, Ferns* iv. t. 16.

*Cheilanthes aspidioides*, Fée, *Gen. Fil.* 156, 157; *Id. Iconogr. Nouv.*

t. 9, fig. 3; *Id. Cat. lith. Foug. Mex.* 11 (incl. v. caudata).

*Cheilanthes microphylla*, v. *aspidioides*, Fée, *Iconogr. Nouv.* 36.

*Cheilanthes microphylla* forma, *Galeotti Hb.* no. 8657.—f. Fée.

—γ. *cucullans*, (*Metten. Cheil.* 33).—Mexico (*Schaffn.*

(1854), 82).

*Cheilanthes cucullans*, Fée, *Cat. lith. Foug. Mex.* 11; *Id. Iconogr. Nouv.*

39, t. 25, fig. 4.

*microphylla*, Kl.—*Cheilanthes Moritziana*.

[Gen. 38. Sp. 1016.] \*

*microphylla*, Link.—*Cheilanthes elongata*.

*microphylla*, Bongard.—*Cheilanthes flexuosa*.

*microphylla forma*, Galeotti.—*Cheilanthes microphylla*,  $\beta$ .

*micropteris* Sw. *Syn. Fil.* 126, 324, t. 3, fig. 5.—Quite;  
Brazil; Argentine Republic; Monte Video.

*Cheilanthes micropteris*, Willd. *Sp. Pl.* v. 455; *Spreng. Syst.* 115;  
*Desc. Prod.* 303; *Presl, Tent. Pter.* 160; *Fée, Gen. Fil.* 158; *Kze.*  
*Lin.* xliii. 244; *Metten. Fil. Lips.* 49; *Id. Cheil.* 28; *Hook. Sp.*  
*Fil.* ii. 76.

*Adiantum micropteris*, Poir. *Enc. Supp.* i. 141.

*Pteris microphylla*, Cav. *MS.*: Sw. *Syn. Fil.* 324.

*minor*, M. et Gal.—*Cheilanthes lendigera*,  $\beta$ .

*mollis*, Presl.—*Nothochlæna mollis*.

*moluccana*, Bl.—*Cheilanthes javensis*.

*moluccana*, var. Kze.—*Cheilanthes tenuifolia*.

*monosticha*, Metten.—*Nothochlæna monosticha*.

*monticola*, Gard.—*Adiantopsis monticola*.

*Moritziana*, Kze. *MS.* (*Lin.* xx. 338); *Id. Lin.* xxiii. 244, 307.  
—Columbia (*Wagner* 27), Caraccas (*Moritz* 76; *Otto*  
895), Venezuela (*Lind. F. et Schl.* 219; *Fendl.* 65), La  
Guayra (*Moritz* 263; *Otto* 437—457 f. Kl.); Mexico  
(*Scheide* 800); N. W. Mexico (*Seem.* 1931, in part).

*Cheilanthes Moritziana*, *Hook. Sp. Fil.* ii. 85, t. 99 B; *Metten. Cheil.* 33.

*Cheilanthes elongata*, Kl. *MS.*, et *Moritz Pl. exs.*—f. Kze.

*Cheilanthes microphylla*, Kl. *Lin.* xx. 337 (excl. syn. Link, J. Sm. et  
Ch. *Klotzschiana*, Kze.)

*mucronata*, M. [ante p. 45].—California; New Mexico  
(*Wright* 2131).

*Allosorus mucronatus*, Eaton, *Sill. Journ.* 1856, 138.

*Pellaea longimucronata*, *Hook. Sp. Fil.* ii. 143, t. 115 A. (incl.  $\beta$ .)

— $\beta$ . *Wrightiana*, M.—N. Mexico (*Wright* 2130); RioGrande.

*Pellaea Wrightiana*, *Hook. Sp. Fil.* ii. 143, t. 115 B.

*Pellaea mucronata*, Eaton *MS.* in *Hb. nostr.*  
(See Ch. *Weddelliana*.)

*multifida*, Sw. *Syn. Fil.* 129, 334.—S. Africa (*Eckl.* 168;  
*Zeyh.* 880; *Krauss* 383; *Hb. Mus. Brit.*), Table Moun-  
tains, Macalisberg, Drachenburg; Natal; St. Helena;  
Java.

*Cheilanthes multifida*, Willd. *Sp. Pl.* v. 459; *Spreng. Syst.* 117; *Desc.*  
*Prod.* 305; *Bl. Enum.* 137; *Gaud. Frey. Voy.* 406; *Schlecht.*  
*Adumbr.* 46, t. 39; *Presl, Tent. Pter.* 160; *Kze. Lin.* x. 537; xxiii.  
244; *Fée, Gen. Fil.* 156; *Metten. Fil. Lips.* 63; *Id. Cheil.* 39, t. 3,  
fig. 30, 31; *Lowe, Ferns* iv. t. 26; *Hook. Sp. Fil.* ii. 90, t. 100 B;  
*Pappe et Raws. Syn. Fil. Afr. Aust.* 83.

*Cheilanthes capensis*, *Eckl. Un. It.* n. 168.—f. Kze.

*Cheilanthes globata*, Poir. *Enc. Supp.* i. 144.

*Adiantum globatum*, Poir. *Enc. Supp.* i. 144.

*Adiantum multifidum*, Sw. *Schrad. Journ.* 1800, ii. 95; *Poir. Enc.*  
*Supp.* i. 143.

[Gen. 39. Sp. 1019.]

*Allosorus multifidus*, *Bernh.*

*Lonchitis cafferum*, *Sw. Schrad. Journ.* 1803, ii. 292.

—*β. flexa*, *Kze. Lin.* x. 537.—S. Africa.

*myriophylla*, *Desv. Berl. Mag.* v. 328; *Id. Journ. Bot.* ii. 44, t. 13, fig. 1.—S. America: Caraccas; New Grenada: St. Martha; Equador (*Seem.* 948); Peru (*Mathews* 607); Bolivia; Quito (*Jameson* 85); Mexico, Oaxaca; Chili.

*Cheilanthes myriophylla*, *Poir. Enc. Supp.* v. 536, 506; *Desv. Prod.* 806; *Spreng. Syst.* 118; *Kze. Lin.* ix. 85 (P)—*f. Hook.*; *Hook. Sp. Fil.* ii. 100, t. 105 A.; *Mett. Cheil.* 35.

*Cheilanthes elegans*, *Kze. Hb. Pöpp.*—*f. Hook.*? *Id. Lin.* ix. 85.—*f. Hook.*; *H.B.K. Nov. Gen.* i. 22.—*f. Desv.*

*Myriopteris myriophylla*, *J. Sm. Bot. Voy. Her.* 340; *Id. Cat. Ferns* 29.

*Nothochisma mollis*, *Kze. Hb. Pöpp.*—*f. Hook.*

*Nothochisma myriophylla*, *J. Sm. Hook. Journ. Bot.* iv. 50; *Id. Cat. Kew Ferns* 3.

*mysurensis*, *Wall. Cat.* 66.—India (*Hook. fil. et Thom.* 123), Madras, Mysore, Courtallum Ginger Hill, Coromandel; Ceylon (*Gard.* 1166, 1320; *Col. Perad.* 1320); Chusan.

*Cheilanthes mysurensis*, *Fée, Gen. Fil.* 156; *Hook. Sp. Fil.* ii. 94, t. 100 A.; *Mett. Cheil.* 28.

*Cheilanthes chusana*, *Hook. Sp. Fil.* ii. 95, t. 106 B.; *Mett. Cheil.* 28.

*Cheilanthes fragrans*, *Sw. Syn. Fil.* 127, 325, t. 3, fig. 6 (excl. syn. Lin.); *Willd. Sp. Pl.* v. 457; *Desv. Prod.* 304 (excl. syn. Lin. et Reich.); *Spreng. Syst.* 116 (excl. syn. Lin.); *Presl, Tent. Pter.* 180 (excl. syn. Lowe); *Kze. Lin.* x. 538.

*Cheilanthes melanocoma*, *Bory, Bel. Voy.* ii. 71.

*Cheilanthes opposita*, *Klfs. Enum.* 211 (excl. hab.); *Kze. Lin.* x. 538.

*Cheilanthes Swartzii*, *Webb et Berth. Phytog. Canar.* iii. pt. 2, 453, in note.

*Cheilanthes Wallichii*, *Spreng. Hb.*—*f. Metten.*

*Adiantum fragrans*, *Poir. Enc. Supp.* i. 141.

*Adiantum melanocaulon*, *Hayne Hb.*—*f. Wall.*

*Adiantum scandicium*, *Willd. MS.*: *Sw. Syn. Fil.* 336, in obs.

*nitidula*, *Hook. Sp. Fil.* ii. 112; *Id. Icon. Pl.* t. 912.—India: Kumaon, Simla, Kashmir (*Hook. fil. et Thom.* 130.)

*Cheilanthes nitidula*, *Mett. Cheil.* 50.

*Allosorus nitidulus*, *Presl, Tent. Pter.* 152.

*Pteris nitidula*, *Wall. Cat.* 89.

*nudienscula*, *M.*—Tropical New Holland; Coral Islands; Society Islands (*Mathews* 23; *Cuming* 1602); Feejee Islands; Philippine Islands; China: Hong Kong, Macao; India.

*Cheilanthes hirsuta*, *Mett. Cheil.* 25.

*Cheilanthes rufa*, *Willd. Hb.*—*f. Klfs.*

*Cheilanthes ciliata*, *Willd. Hb.*—*f. Klfs.*

*Cincinnati hirsuta*, *Desv. Berl. Mag.* v. 313.

*Nothochisma hirsuta*, *Desv. Journ. Bot. Appl.* iii. 93; *Id. Prod.* 221;

*Poir. Enc. Supp.* iv. 110; *Klfs. Enum.* 138; *Spreng. Syst.* 43;

*Presl, Tent. Pter.* 225; *Brack. U.S. Expl. Exped.* xvi. 20.

- Nothochlæna pilosa*, Hook. et Arn. Beech. Voy. 47; Brack. U.S. Expl. Exped. 20 (et var.  $\beta$ .); Hook. Kew Jour. Bot. ix. 358.  
*Nothochlæna nudiuscula*, Desv. Prod. 231.  
*Nothochlæna sulcata*, Link. Hort. Ber. ii. 367; Id. Fil. Sp. 145; Presl, Tent. Pter. 225; Kze. Schkr. Supp. i. 6, t. 3; Id. Lin. xxiii. 270; J. Sm. Hook. Journ. Bot. iv. 50; Id. Bot. Herald 426; Fée, Gen. Fil. 159.  
*Pellaea*? *nudiuscula*, Hook. Sp. Fil. ii. 151.  
*Pteris hirsuta*, Lam. Enc. Bot. v. 719; Sw. Syn. Fil. 104; Willd. Sp. Pl. v. 990.  
*Pteris nudiuscula*, Br. Prod. Pl. Nov. Holl. 155; Poir. Enc. Supp. iv. 606; Spreng. Syst. 73.  
*obtusata*, Presl, Rel. Hanck. i. 64, t. 11, fig. 1; Id. Tent. Pter. 160.—Peru.  
*Cheilanthes obtusata*, Spreng. Syst. 115; Hook. Sp. Fil. ii. 96; Metten. Cheil. 23.  
*ochracea*, Hook.—*Cheilanthes aurantiaca*.  
*odora*, Sw. *Cheilanthes fragrans*.  
*olivacea*, Fée.—*Cheilanthes hirta*.  
*opposita*, Klfs.—*Cheilanthes mysurensis*.  
*ornithopus*, M.—California (Hartw. 2042) Monterey; Cohon Pass, near 35th par. of Lat.  
*Pellaea ornithopus*, Hook. Sp. Fil. ii. 143, t. 116 A.  
*paleacea*, M. et Gal.—*Cheilanthes elegans*.  
*pallens*, Desv.—*Ochropteris pallens*.  
*pallida*, Bl.—*Hypolepis pallida*.  
*parallelogramma*, Kze.—*Hypolepis parallelogramma*.  
*parviloba*, Sw.—*Cheilanthes hirta*,  $\beta$ .  
*paupercula*, Metten.—*Adiantopsis paupercula*.  
*pedata*, A. Br.—*Adiantopsis pedata*.  
*pellucida*, Colenso.—*Hypolepis tenuifolia*,  $\gamma$ .  
*pellita*, Spreng. (Steud. Nom. Bot. 113.)  
*? peruviana*, M.—Peru.  
*Nothochlæna peruviana*, Desv. Prod. 220; Metten. Cheil. 22. (*? Near Ch. squamosa*).  
*pilosa*, Goldm. Nov. Act. N.C. xix. supp. i. 455—Peruvian Andes.  
*Cheilanthes pilosa*, Metten. Cheil. 39.  
*Cheilanthes MacLeanii*, Hook. Sp. Fil. ii. 93, t. 110 B.  
*Pohlana*, Metten. Cheil. 23.—Brazil (Gardn. 8551).  
*Nothochlæna Pohlana*, Kze. Hb.—f. Metten; Id. Schkr. Supp. i. 45, in obs.  
*? polymorpha*, Poir. Enc. Supp. i. 142.—Madagascar; Bourbon.  
*Cheilanthes polymorpha*, Desv. Prod. 305; Metten. Cheil. 51.  
*Adiantum polymorphum*, Poir. Enc. Supp. i. 142.  
*polypodioides*, Bl.—*Hypolepis polypodioides*.

*pratexta*, Klfs.—*Adiantopsis capensis*.

*Preissiana*, Kze.—*Cheilanthes Sieberi*.

*Prionopteris*, A. Braun.—*Cheilanthes intramarginalis*.

*profusa*, Kze. *Lin.* x. 535; *Id. Schkr. Supp.* i. 83, t. 17, in part.—f. Metten; *Id. Lin.* xviii. 245, 535.—South Africa (*Zeyh.* 4627), Namaqua land.

*Cheilanthes profusa*, *Link. Fl. Sp.* 64; *Fée, Gen. Fl.* 156; *Metten. Fl. Lips.* 51, (excl. syn. R. Br.); *Hook. Sp. Fl.* ii. 109; *Pappe et Raws. Syn. Fl. Afr. Aust.* 38.

*Cheilanthes distans*, v. *profusa*, *Metten. Cheil.* 26.

*Nothochlæna humilis*, *Hort. Ang.*

*Nothochlæna profusa*, *Presl. Tent. Pter.* 224.

*Nothochlæna pumila*, *Link. Fl. Sp.* 146.

*profusa*, v. *minor*, Kze.—*Cheilanthes Kunzei*.

*pruinata*, Klfs. *Enum.* 210.—Peru (*Mathews* 605; *Lochl.* 1750); Bolivia.

*Cheilanthes pruinata*, *Spreng. Syst.* 117.

*Cheilanthes fasciculata*, *Goldm. Nov. Act. N. C.* xix. supp. i. 456—f. Metten.

*Cheilanthes Mathewii*, *Kze. Schkr. Supp.* 50, t. 25; *Fée, Gen. Fl.* 156; *Hook. Sp. Fl.* ii. 91; *Metten. Fl. Lochl.* 11; *Id. Cheil.* 26.

*Cheilanthes pruinosa*, *Mathews MS.*; *Kze. Lin.* xliii. 245.

*pruinosa*, Math.: Kze.—*Cheilanthes pruinata*.

*pteroides*, Sw.—*Adiantopsis pteroides*.

*pteroides*, Hort.—*Cheilanthes microphylla*.

*pubescens*, *H.B.K. Nov. Gen.* i. 22.—Mexico.

*Cheilanthes pubescens*, *Poir. Enc. Supp.* v. 536, 605; *Desv. Prod.* 304; *Presl. Tent. Pter.* 180; *Hook. Sp. Fl.* ii. 93.

(See also *Cheilanthes microphylla*).

*pulchella*, *Bory MS.*; *Willd. Sp. Pl.* v. 456.—Madeira, Teneriffe (*Bourg.* 172, 1551), Canaries, Palma; Abyssinia (*Schimp.* 1431).

*Cheilanthes pulchella*, *Webb et Berth. Phytog. Canar.* iii. 453, t. 253 (excell.); *Desv. Prod.* 303; *Spreng. Syst.* 116; *Hook. Sp. Fl.* ii. 109, t. 94 A; *Metten. Cheil.* 50.

*Cheilanthes guanchica*, *C. Bolle, Bonpl.* vii. 107.

*Allosorus pulchellus*, *Presl. Tent. Pter.* 152.

*Blechnum canariense*, *Brouss. Hb.*—f. Webb et Berth.

*pulveracea*, Presl.—*Cheilanthes farinosa*, ð.

*pulveracea*, Spreng. in part.—*Cheilanthes farinosa*.

*pulveracea*, Metten. in part.—*Nothochlæna pulveracea*.

*pygmæa*, Kl.—*Cheilanthes microphylla*.

*pyramidalis*, Fée.—*Cheilanthes hirsuta*.

*radiata*, R. Br. MS.: J. Sm.—*Adiantopsis radiata*.

*ramentacea*, Wahl.—*Pedicularis palustris* (*Scrophulariaceæ*).

*refracta*, *Pappe et Raws. Syn. Fl. Afr. Aust.* 84.—S. Africa: Griqua land.

*regularis*, Metten.—*Adiantopsis regularis*.

*remota*, Kze.—*Polypodium rugulosum*.

*repens*, Klfs.—*Hypolepis repens*.

*resinifera*, Bl.—*Hypolepis resinifera*.

*resistens*, Kze.—*Hypolepis resistens*.

*rigescens*, Kze.—*Hypolepis rigescens*.

*rigida*, Moore MS., et in *Fée*, *Iconogr. Nouv.* 34, in obs.—New Spain; Peru; Bolivia; Mexico (*Leibold* 111; *Ehrenb.* 661; *Schaffn.* (1854-5) 154; *Aschenb.* 677; *Botteri* 33)

*Cheilanthes rigida*, Metten. *Cheil.* 48, t. 3, fig. 38.

*Allosorus cartilagineus*, Presl, *Tent. Pter.* 153.

*Allosorus rigidus*, Kze. *Lin.* ix. 55; xiii. 137; xviii. 324; Presl, *Tent.*

*Pter.* 153; *Kl. Lin.* xx. 339; Liebm. *Mex. Bregn.* 70.

*Cheilopteron rigidum*, Fée, *Cat. lith. Foug. Mex.* 11; *Id. Iconogr.*

*Nouv.* 33, t. 20, fig. 3.

*Pelles rigida*, Fée, *Cat. lith. Foug. Mex.* 35; Hook. *Sp. Fil.* ii. 144.

*Pteris cartilaginea*, Presl, *Rel. Hænk.* 67, t. 9, fig. 3.

*Pteris acutangula*, Nees ab Esenbeck, *Lin.* xix. 684.

*Pteris rigida*, Sw. *Syn. Fil.* 104, 299; Willd. *Sp. Pl.* v. 394; Poir. *Enc.*

*Suppl.* iv. 604; Desv. *Prod.* 297; Spreng. *Syst.* 74.

*rigidula*, Wall.—*Cheilanthes farinosa*, γ.

*rufa*, Don, *Prod. Fl. Nep.* 18.—India: Nepal, Simla, Khasya (*Hook. fil. et Thom.* 128), Assam, Mishmee, Mergui.

*Cheilanthes rufa*, Spreng. *Syst.* 115; Hook. *Sp. Fil.* ii. 79, 115, t. 99 A; Metten. *Cheil.* 47.

*Cheilanthes farinosa*, v. *vestita*, Wall. *Cat.* 71, no. 4.

*Cheilanthes tomentosa*, Wall. *Hb.*

*rufa*, Willd. *Hb.*—*Cheilanthes nudiuscula*.

*rufescens*, Link.—*Cheilanthes marginata*.

*rupestris*, Wall.—*Cheilanthes tenuifolia*.

*scariosa*, Klfs. *Enum.* 216, in obs.—Andes of Peru (*Mathews* 610).

*Cheilanthes scariosa*, Presl, *Rel. Hænk.* i. 65; *Id. Tent. Pter.* 161; Desv. *Prod.* 305; Spreng. *Syst.* 117—all excl. syn.; Kze. *Lin.* ix.

85; Hook. *Sp. Fil.* ii. 99, t. 104 A (excl. syn. Willd. et Sw.); Metten. *Cheil.* 34 (excl. syn. Willd. et Sw.)

*Myriopteris scariosa*, Fée, *Gen. Fil.* 149.

*scariosa*, Kl.—*Cheilanthes elegans*.

*scariosa*, M. et Gal.—*Plecosorus speciosissimus*.

*scariosa*, Desv.—*Cheilanthes squamosa*.

*Schaffneri*, M.—Mexico (*Schaffn.* 83.)

*Myriopteris rufa*, Fée, *Cat. lith. Foug. Mex.* 8; *Id. Iconogr. Nouv.* 77.

*Schimper*, Kze.—*Adiantopsis Schimper*.

*Seemanni*, Hook. *Sp. Fil.* ii. 85, t. 97 A.—N. W. Mexico (*Seem.* 1931 in part).

*Cheilanthes Seemanni*, Metten. *Cheil.* 34.

*scabra*, Karst. (*Bot. Zeit.* xii. 855).

Sellowiana, Presl, *Tent. Pter.* 160.—Brazil.

*Cheilanthes Sellowiana*, Hook. *Sp. Fil.* ii. 116.

*semiglabra*, Fée.—*Cheilanthes javensis*.

*setigera*, Bl.—*Hypolepis javanica*.

*setigera*, Zoll. Hb.—*Cheilanthes javensis*.

Sieberi, Kze. *Ind. Sem. Hort. Lips.* 1839; *Id. Pl. Preiss.* ii. 112; *Id. Lin.* xxiii. 245.—N. Holland: East and West Coast, Subtropical (*Mitchell* 328), and Tropical interior; Port Jackson; Moreton Bay; Swan River (*Preiss* 1308); New Zealand; Norfolk Island; Tasmania (*Mossm.* 668 in part, 682 in part); New Caledonia; Isle of Pines; Island of Bouron.

*Cheilanthes Sieberi*, Fée, *Gen. Fil.* 156; Hook. *Sp. Fil.* ii. 83, t. 97 B.

*Cheilanthes Priessiana*, Kze. *Pl. Preiss.* ii. 112; *Id. Kze. Lin.* xx. 5; xxiii. 244. 409; *J. Sm. Cat. Kew Ferns* 3; Hook. *Sp. Fil.* ii. 83; Lowe, *Ferns* iv. t. 29.

*Cheilanthes tenuifolia*, Sieber, *Syn. Fil.* 116; *Id. Fl. Mist.* 260; Link, *Fil. Sp.* 64 (excl. syn.); *Hort.* in part.

*Sieberi*, Lowe.—*Cheilanthes tenuifolia*.

Skinneri, M.—Guatemala.

*Pellaea Skinneri*, Hook. *Sp. Fil.* ii. 141, t. 118 B.

*sparsisora*, Schrad.—*Hypolepis anthriscifolia*.

*speciosissima*, A. Braun MS.: Kze.—*Plecosorus speciosissimus*.

*spectabilis*, Klfs.—*Cheilanthes chlorophylla*.

*spinulosa*, Link.—*Litobrochia leptophylla*.

*squamosa*, Gill. MS.: Hook. et Grev. *Icon. Fil.* t. 151—Argentine Republic; San Luis; Peru (*Mathews* 604; *Cuming* 939); Mexico; Surinam (*Hostm.* 199).

*Cheilanthes squamosa*, Presl, *Tent. Pter.* 160; Hook. *Sp. Fil.* ii. 81; *Matten. Cheil.* 22.

*Acrostichum lanuginosum*, Willd. *Act. Erf.* 1803, 31, t. 3, fig. 4!—f. icon.

*Acrostichum scariosum*, Sw. *Syn. Fil.* 16; Willd. *Sp. Pl.* v. 126; Poir. *Enc. Supp.* i. 124.

*Nothochlæna Gilliesii*, Fée, *Gen.* 159.

*Nothochlæna squamosa*, Fée, *Cat. lith. Foug. Mex.* 10.

*squamosa*,  $\beta$ . Kze.—*Cheilanthes brachypus*.

*squamosa*, Heer et Regel.—*Cheilanthes fragrans*.

*stenophylla*, Kze.—*Hypolepis stenophylla*.

*suaveolens*, Sw.—*Cheilanthes fragrans*.

*suaveolens*,  $\beta$ . Hohen.—*Cheilanthes Szovitzii*.

*subvillosa*, Hook. *Sp. Fil.* ii. 87, t. 98 B.—W. Himalaya, Simla.

*Cheilanthes subvillosa*, Matten. *Cheil.* 48.

*Swartzii*, Webb et Berth.—*Cheilanthes mysurensis*.

Szovitzii, *Fisch. et Mey. MS.: Hohenh. Bull. Soc. Imp. Nat. Mosc.* (1833) vi. 260; *Id. Pl. Talysch. Bull. Soc. Mosc.* 1838, 241.—Persia; Georgia: Elisabethpol; Karabagh: Talysch; Caucasus; Mount Taurus; Indus Valley; Kashmir (*Jacquem.* 1070); Afghanistan, Peshawur; Thibet (*Hook. fl. et Thom.* 124); Dalmatia; Lycia; Italy.

*Cheilanthes Szovitzii*, *Eupr. Dist. Crypt. Ross.* 48; *Ledeb. Fl. Ross.* iv. 626; *Presl, Tent. Pter.* 160; *Hook. Sp. Fil.* ii. 98, t. 94B; *Metten. Cheil.* 87.

*Cheilanthes fimbriata*, *Vis. Fl. Dalmat.* 42. t. 1, fig. 1; *Kze. Bot. Zeit.* ii. 277.

*Cheilanthes suaveolens*, *β. Hohen. Hb. Hook.*

*Acrostichum microphyllum*, *Bert. Misc. Bot.* xviii. 19, t. 2.

*Nothochlæna persica*, *Bory, Bel. Voy.* ii. 23 (Persia).

—*β. Stocksii*, *Hook. Sp. Fil.* ii. 98.—Scinde; Valley of Indus; Afghanistan, Peshawur.

Tamburii, M.—Tambur River, East Nepal.

*Pellaea Tamburii*, *Hook. Sp. Fil.* ii. 134, t. 129A; *Metten. Cheil.* 49.

*tenuifolia*, *Sw. Syn. Fil.* 129, 332.—India (*Hook. fl. et Thom.* 119), Madras Peninsula, Mysore, Concan, Neilgherries, Mangalore (*Hohenacker* 666), Sylhet, Assam, Khasya, Toay, Pegu, Moulmein (*Lobb* 399), Siam; Malacca and Malay Islands: Penang, Singapore (*Seem.* 2304); Ceylon (*Gardn.* 1237, 1322; *Col. Perad.* 1322); Java; Moluccas; Philippines (*Cuming* 62, 281); Amboyna; Sumatra; China: Hong Kong (*Champ.* 556; *Fortune* 28; *Hance* 52), Macao; Tahiti; New Holland: Sydney, King George's Sound, Banks' Peninsula, Dunk Island, Kangaroo Island, Victoria, Melbourne, Bass' Straits, Swan River; Tasmania (*Mossm.* 668 in part); N. Zealand.—*Rumph. Amb.* vi. t. 34, fig. 2.

*Cheilanthes tenuifolia*, *E. Br. Prod. Fl. Nov. Holl.* 155; *Schkr. Crypt.* 117, t. 125; *Willd. Sp. Pl.* v. 480; *Ktze. Enum.* 214; *Desc. Prod.* 304; *Spreng. Syst.* 117; *Bl. Enum.* 137; *Presl, Tent. Pter.* 160; *J. Sm. Hook. Journ. Bot.* iii. 404; *Hook. fl. Fil. New Zeal.* ii. 23; *Hook. Sp. Fil.* ii. 82, t. 87C; *Fée, Gen. Fil.* 156; *Kze. Lin.* xxiii. 245; *Brack. U. S. Expl. Exped.* xvi. 92; *Rich. Fl. New Zeal.* 83; *Metten. Fil. Lips.* 50 (excl. syn. *Sleb. Preiss*); *Id. Cheil.* 27, t. 3, fig. 13, 14, (excl. syn. *Cheilanthes pallens*, *Wall.* which is *Ochrop-teris*, et *Cheilanthes Sieberi*, et *Preissiana*); *Lowe, Ferns* iv. t. 19.

*Cheilanthes micrantha*, *Wall. Cat.* 68.

*Cheilanthes moluccana*, *Kze. Bot. Zeit.* 445 (form. bipinnato-pinnatifid.)

*Cheilanthes rupestris*, *Wall. Cat.* 67; *Presl, Tent. Pter.* 160.

*Cheilanthes Sieberi*, *Lowe, Ferns* iv. t. 22.

*Acrostichum tenue*, *Retz. Obs.* vi. 39; *Sw. Syn. Fil.* 18; *Poir. Enc. Supp.* i. 127.

*Adiantum cicutifolium*, *Lam. Enc. Bot.* i. 44; *Poir. Enc. Supp.* i. 145.

*Adiantum tenuifolium*, *Sw. Schrad. Journ.* 1800, ii. 85.

*Adiantum rupestre*, *Wall. Hb.*

*Adiantum varians*, *Poir. Enc. Supp.* i. 143.

*Allosorus tenuifolius*, *Bornh.*

*Cassebeera tenuifolia*, *J. Sm. Hook. Journ. Bot.* iv. 159.



- ? *Pteris daucifolia*, *Roxb. Calc. Journ. Nat. Hist.* iv. 508.  
*Pteris nigra*, *Retz. Obs.* vi. 38: [non *Retz.*—*L. Klfs.*]; *Poir. Enc. Bot.*  
 v. 718; *Id. Enc. Supp.* iv. 589.  
*Trichomanes tenuifolia*, *Burm. Fl. Ind.* 237.

*tenuifolia*, *Kze.*—*Cheilanthes javensis*.  
*tenuifolia*, *Sieb.*—*Cheilanthes Sieberi*.  
*tenuifolia*, *Hort.* in part.—*Cheilanthes Sieberi*.  
*tenuifolia*, *J. Sm.* in part.—*Cheilanthes varians*.

*tenuis*, *Presl, Rel. Hank.* i. 65; *Id. Tent. Pter.* 160.—Mexico.  
*Cheilanthes tenuis*, *Spreng. Syst.* 116; *Liebm. Mex. Bregn.* 108; *Hook.*  
*Sp. Fil.* ii. 95; *Metten. Cheil.* 31.

*tenuis*, *Hort.*—*Cheilanthes lendigera*.

*ternifolia*, *Cav. Præl.* (1801), 266.—Andes of Peru (*Lechl.*  
 1746): Banos, Huanuco; Quito, Surucuchu; Chili (*Lechl.*  
 2883); Columbia (*Moritz* 349), Caraccas (*Lind.* 513);  
 New Grenada (*Schlim* 848); Mexico (*Schaffn.* (1854)  
 191); New Mexico; Sandwich Islands.

*Cheilanthes ternifolia*, *Hook. et Grev. Icon. Fil.* t. 126; *Desv. Prod.*  
 296; *Kze. Lin.* ix. 74.

*Allosorus ternifolius*, *Kze. MS.*; *Id. Lin.* xxiii. 230; *Fl. Lin.* xx. 339;  
*Liebm. Mex. Bregn.* 69; *Metten. Fil. Lips.* 44; *Id. Fil. Lechl.* 11;  
*Sturm. Enum. Crypt. Chil.* 15.

*Allosorus subverticillatus*, *Presl, Tent. Pter.* 153.

*Pellaea ternifolia*, *Link. Fil. Sp.* 69; *J. Sm. Bot. Voy. Herald* 341; *Id.*  
*Cat. Ferns* 32; *Fée, Gen. Fil.* 129; *Hook. Fil. Exot.* i. t. 15; *Id.*  
*Sp. Fil.* ii. 142; *Gay, Chil.* vi. 483.

*Platylooma ternifolium*, *J. Sm. Bot. Mag.* 1848, comp. 21; *Brack. U.S.*  
*Expl. Exped.* xvi. 94; *Lowe, Ferns* iii. t. 24 B.

*Pteris peruviana*, *Poir. Enc. Bot.* v. 718; *Spreng. Syst.* 75; *Lodd. Bot.*  
*Cab.* t. 1665.

*Pteris subverticillata*, *Sw. Syn. Fil.* 108; *Willd. Sp. Pl.* v. 375; *Presl,*  
*Rel. Hank.* i. 57 (verticillata—err. script. *Hook. Sp.*)

*Pteris ternata*, *Menzies MS.*—*f. Hook. et Grev.*

*Pteris triphylla*, *Bortero "Merc. Chil. n. xvi. p. 749;" Colla, Mem.*  
*Acad. Turin*, xxxix. 38.

—*β. lanuginosa*, *M.*—Mexico (*Schaffn.* 321).

*Pellaea lanuginosa*, *Fée, Iconogr. Nouv.* 115, in obs.

*tomentosa*, *Link. Hort. Ber.* ii. 42; *Id. Fil. Sp.* 65.—Mexico;  
 New Mexico (*Wright* 816, 2126 in part); S. United States  
 (*Drum.* 354): North Carolina, Kentucky, Tennessee, Rat-  
 tene Mountains Colorado R.; Mountains of Virginia,  
 thence southwards and westwards (*A. Gray*); Jamaica.

*Cheilanthes tomentosa*, *Kze. Sill. Journ.* 1848, 87; *Presl, Tent. Pter.*  
 160; *Metten. Fil. Lips.* 50; *Id. Cheil.* 37; *A. Gray, Bot. N. United*  
*States* 592; *Liebm. Mex. Bregn.* 108; *Hook. Sp. Fil.* ii. 93, t. 109 A.  
*Myriopteris tomentosa*, *Fée, Gen. Fil.* 148, t. 12 A. fig. 2; *J. Sm. Cat.*  
*Ferns* 129.

*Nephrodium lanosum*, *Micks. Fl. bor. Am.* ii. 270, in part.—*f. Gray.*

*Nothochlæna tomentosa*, *J. Sm. Hook. Journ.* iv. 50 (non *Desv.*);  
*Lowe, Ferns* i. t. 15 B.

*tomentosa*, *Wall. Hb.*—*Cheilanthes rufa*.

*triangula*, *Kze. Lin. x.* 536.—S. Africa; Graham's Town, Kaffraria; Natal (*Krauss* 383—f. *Hook.*; but rather *Ch. multifida*—f. spec. *Hb. Mus. Brit.*; *Plant* 818, 818\*); Madagascar.

*Cheilanthes triangula*, *Fée, Gen. Fil.* 156; *Pappe et Raws. Syn. Fil. Afr. Aust.* 34; *Hook. Sp. Fil.* ii. 91; *Metten. Cheil.* 51.

*Cheilanthes firma*, *Moore, Kew Journ. Bot. v.* 225 (spec. maj.); *Pappe et Raws. Syn. Fil. Afr. Aust.* 37.

*Cheilanthes linearis*, *Moore, Kew Journ. Bot. v.* 226; *Pappe et Raws. Syn. Fil. Afr. Aust.* 37.

*Allosorus consobrinus*, *Pappe et Raws. Syn. Fil. Afr. Aust.* 31.

*Pellaea consobrina*, *Hook. Sp. Fil.* ii. 146, t. 117 A.

*Pteris consobrina*, *Kze. Lin. x.* 526 (spec. maj.—f. *Metten.*)

*Pteris obscura*, *Bojer MS. Hb. Hook.*

*Tweediana*, *Hook. Sp. Fil.* ii. 84, t. 96 B.—S. Brazil.

*Cheilanthes Tweediana*, *Metten. Cheil.* 33.

*valdivianus*, *Philippi, Lin. xxix.* 106.—Chili.

*Cheilanthes valdivianus*, *Metten. Cheil.* 51.

*varians*, *Hook. Sp. Fil.* ii. 89, t. 103 A.—India: Sylhet, Khasya (*Hook. fil. et Thom.* 120), Assam (*Simons* 262), Ava, Pegu, Bangoon, Mergui, Moulmein (*Lobb* 391); Philippine Islands (*Cuming* 408).

*Cheilanthes varians*, *Fée, Iconogr. Novv.* 36, t. 11, fig. 3.

*Cheilanthes angustifolia*, *Cuming, Fil. Malac.* 408.—f. *Fée.*

*Cheilanthes crenulata*, *Spreng.*—f. *Presl.*; *Hook. Sp. Fil.* ii. 116.

*Cheilanthes Griffithiana*, *Fée, Gen. Fil.* 156, 157.

*Cheilanthes malaccensis*, *Fée, Gen. Fil.* 156, 157.

*Cheilanthes tenuifolia*, *J. Sm. Hook. Journ. Bot. iii.* 404, in part.

*Allosorus caespitosus*, *Presl. Tent. Pter.* 152 (non *Kze.*)

*Pteris caespitosa*, *Wall. Cat.* 90; *Metten. Fil. Lips.* 5, in note.

*Pteris varians*, *Wall. Cat.* 86.

*venusta*, v. *aurata*, *Fée.*—*Cheilanthes angustifolia*.

*vestita*, *Hook.*—*Cheilanthes lanosa*.

*vestita*,  $\beta$ . *minor*, *Hook.*—*Cheilanthes lanosa*,  $\beta$ .

*vestita*, *Riehl.*—*Cheilanthes lanosa*,  $\beta$ .

*vestita*, *Sw.*—*Nothochlæna vestita*.

*viridis*, *Sw.*—*Pteris hastata*.

*viscosa*, *Klfs. Ind. Fil.* (*Kze.*); *Link, Hort. Ber.* ii. 43—

Mexico (*Schaffn.* 312); N. West Mexico (*Seem.* 1994);

Caraccas (*Moritz* 387); Equador; Central America,

Volcano Veijo (*Barcl.* 2183).

*Cheilanthes viscosa*, *Presl. Tent. Pter.* 160; *Link, Fil. Sp.* 66; *M. et Howlat. Gard. Mag. Bot.* iii. 165, fig. 33; *J. Sm. Hook. Journ. Bot.* iv. 159; *Id. Cat. Ferns*, 29; *Reichardt, Gefassb.* 24, t. 3, fig.

52-55; *Fée, Gen. Fil.* 156; *Hook. Sp. Fil.* ii. 104, t. 93 B; *Lowc, Ferns* iv. t. 25; *Metten. Cheil.* 30.

*Cheilanthes glandulifera*, *Liebm. Mex. Bregm.* 106; *Metten. Cheil.* 30.

*Cheilanthes Kaulfussii*, *Kze. Lin.* xiii. 145; xxiii. 244; *Liebm. Mex. Bregm.* 106.

*Allosorus Roesalii*, *Schaffn. Hb.*

*viscosa*, Karst. (*Bot. Zeit.* xii. 855).

*viscosa*, Carmich.—*Polypodium rugulosum*.

*Wallichii*, Spreng. Hb.—*Cheilanthes mysurensis*.

*Weddelliana*, M.—Bolivia (*Weddell* 3778).

*Pellaea Weddelliana*, *Fée Hb.*: *Id.* *Iconogr. Nouv.* 74.  
(*Affin. Cheilanthes mucronata*).

*Wrightii*, *Hook. Sp. Fil.* ii. 87, t. 110 A.—New Mexico (*Wright* 823, 2128).

*Cheilanthes Wrightii*, *Mett.* *Cheil.* 39.

**Cheilolepton**, *Fée, Hist. Acrost.* 19.

*Blumeanum*, *Fée*.—*Neurocallis lomarioides*.

**Cheiloplecton**, *Fée, Iconogr. Nouv.* 33; *Id. Cat. lith. Foug. Mex.* 9,

*rigidum*, *Fée*.—*Cheilanthes rigida*.

**Cheiroglossa**, *Presl, Supp. Tent. Pter.* 56.

*palmata*, *Presl*.—*Ophioglossum palmatum*.

**Cheiropleuria**, *Presl, Epim. Bot.* 189.

*bicuspis*, *Presl*.—*Anapausia bicuspis*.

*bicuspis*, *B. integrifolia*, *Eaton*.—*Anapausia bicuspis*, *β*.

*vespertilio*, *Presl*.—*Anapausia vespertilio*.

**Chilodium**, *Presl, Hymen.* 23. (§)=*TRICHOMANES*.

**Chilogramma**, *Blume, Flora Java* 70. (§)=*TÆNITIS* et *TÆNIOPSIS*.

**Chilopteris**, *Presl, Tent. Pter.* 208 (§).=*GRAMMITIS*.

**Chladostachys**, *Wallich Hb.*

*thalictroides*, *Wall. Hb.*—*Ceratopteris thalictroides*.

**Chlamydia**, *M. [ante p. civ.]* (§)=*AMPHIOOSMIA*.

**Chorizopteris**, *Moore, Gard. Chron.* 1855, 854.

*bipinnata*, *Moore*.—*Neurocallis bipinnata*.

*pinnata*, *Moore*.—*Neurocallis pinnata*.

**Chnoophora**, *Kaulfuss, Enum. Fil.* 250.

*aculeata*, *Klfs.*—*Alsophila aculeata*.

*elegans*, *Hort.*—*Alsophila elegans*.

*exelsa*, *Mart.*—*Alsophila Tænitis*.

*glauca*, Bl.—*Alsophila glauca*.  
*Humboldtii*, Kfz. Hb. (¶ Enum.)—*Alsophila Pöppigii*.  
*lanuginosa*, Jungh.—*Alsophila lanuginosa*.  
*lurida*, Bl.—*Alsophila lurida*.  
*squamosa*, De Vriese.—*Alsophila tomentosa*.  
*? tomentosa*, Bl.—*Alsophila tomentosa*.

**Chrysodia**, Fée, *Gen. Fil.* 188 (§)=GYMNOGRAMMA.

**Chrysodium**, Fée, *Hist. Acrost.* 22.

*acuminatum*, Metten.—*Anapausia acuminata*.  
*alienum*, Metten.—*Anapausia aliena*.  
*aureum*, Metten.—*Acrostichum aureum*.  
*cayennense*, Fée.—*Acrostichum aureum*,  $\theta$ .  
*crinitum*, Metten.—*Hymenodium crinitum*.  
*danæfolium*, Fée.—*Acrostichum danæfolium*.  
*flagelliferum*, Metten.—*Pœcilopteris heteroclita*.  
*fraxinifolium*, Fée.—*Acrostichum fraxinifolium*.  
*fraxinifolium*, Metten.—*Neurocallis scandens*.  
*hirsutum*, Fée.—*Acrostichum aureum*,  $\delta$ .  
*inaequale*, Fée.—*Acrostichum aureum*,  $\theta$ .  
*nicotianæfolium*, Metten.—*Anapausia nicotianæfolia*.  
*præstantissimum*, Metten.—*Neurocallis præstantissima*.  
*punctulatum*, Metten.—*Pœcilopteris punctulata*.  
*sculpturatum*, Fée.—*Acrostichum aureum*,  $\zeta$ .  
*sculpturatum*, Metten.—*Pœcilopteris contaminans*.  
*speciosum*, Fée.—*Acrostichum aureum*,  $\iota$ .  
*Urvillei*, Fée.—*Acrostichum aureum*,  $\eta$ .  
*vulgare*, Fée.—*Acrostichum aureum*.

**Chrysopteris**, Link, *Fil. Sp.* 116, 120.

*areolata*, Fée.—*Phlebodium areolatum*.  
*aurea*, Link.—*Phlebodium aureum*.  
*aurea*, Fée.—*Phlebodium sporadocarpum*.  
*Billardieri*, Link.—*Pleopeltis Billardieri*.  
*decumana*, Fée.—*Phlebodium decumanum*.  
*dictyocallis*, Fée.—*Phlebodium decumanum*.  
*dulcis*, Fée.—*Goniophlebium dulce*.  
*glauca*, Fée.—*Phlebodium sporadocarpum*.  
*grandis*, Fée.—*Phlebodium grande*.  
*lanosa*, Fée.—*Phlebodium lanosum*.  
*lepidopoda*, Link.—*Pleopeltis lepidopoda*.  
*longipes*, Link.—*Pleopeltis Phymatodes*,  $\beta$ .  
*martinicense*, Fée.—? *Phlebodium aureum*.  
*microdictya*, Fée.—*Phlebodium microdictyum*.  
*multiserialis*, Fée.—*Phlebodium multiseriale*.  
*pettiidea*, Link.—*Pleopeltis Phymatodes*,  $\gamma$ .

[Gen. 38. Sp. 1087.]

*Phymatodes*, Link.—*Pleopeltis Phymatodes*.  
*pulvinata*, Link.—*Phlebodium pulvinatum*.  
*sporadocarpa*, Link.—*Phlebodium areolatum*.  
*terminalis*, Link.—*Pleopeltis Phymatodes*, *δ*.  
*trilobata*, Fée.—*Phlebodium trilobatum*.

**CIBOTIUM**, *Kaulfuss, Berl. Jahr. der Pharm.* 1820; *Id. Enum. Fil.* 229, t. 1. [Synopsis p. xvi.]

*adiantoides*, Presl.—*Dicksonia Plumieri*.

*assamicum*, Hook. *Sp. Fil.* i. 83, t. 29 B.—India: Assam; Sumatra.

*Cibotium assamicum*, Fée, *Gen. Fil.* 343; *Hasskarl, Fil. Jav.* 59.

*Barometz, J. Sm. Lond. Journ. Bot.* i. 437; *Id. Bot. Mag.* 1846, comp. 36; *Id. Bot. Voy. Herald* 430.—Tartary, Bucharia; China: Hong Kong (*Champion* 293, 563; *Bowering* 34; *Fortune* 2), Chusan, South China (*Seem.* 2387); Cochin China; Assam (*Griffith* 1531); Sumatra; Philippine Islands (*Cuming* 123); Marianne Islands.

*Cibotium Barometz, M. et Houlet. Gard. Mag. Bot.* iii. 329, fig. 78.

*Cibotium Cumingii, Kze. Schkr. Supp.* 64; *Id. Lin.* xxiii. 245.

*Cibotium glaucescens, Kze. Schkr. Supp.* 63, t. 31; *Id. Lin.* xxiii. 245; *Id. Bot. Zeit.* iii. 841; *Mettlen. Fil. Lips.* 107; *Hook. Sp. Fil.* i. 82; *Fée, Gen. Fil.* 343; *Lowe, Ferns* viii. t. 36.

*Cibotium glaucophyllum, Presl, Tent. Pter.* 69.

*Cibotium glaucum, J. Sm. Hook. Journ. Bot.* iii. 418 (excl. syn.)

*Aspidium Baromez, Willd. Sp. Pl.* v. 268, et *Hort. Angl.*; *Spreng. Syst.* 108; *Desv. Prod.* 250.

*Balantium glaucescens, Link, Fil. Sp.* 40.

*Balantium glaucophyllum, Hort. Ber.—f. Presl. et J. Sm.*

*Dicksonia Baranetz, Link, Fil. Sp.* 166.

*Nephrodium Baromez, Sweet, Hort. Brit.* 590.

*Polypodium Baromez, Lour. Cochin.* 829; *Lin. Sp. Pl.* 1553; *Poir. Enc. Bot.* v. 552.

*Billardieri, Klfs.*—*Dicksonia antarctica*.

*Chamissoi, Klfs. Enum.* 230, t. 1, fig. 14.—Sandwich Isles.

*Cibotium Chamissoi, Spreng. Syst.* 127; *Presl, Tent. Pter.* 69, t. 11, fig. 8; *J. Sm. Lond. Journ. Bot.* i. 437; *Fée, Gen. Fil.* 343; *Brack. U. S. Expl. Exped.* xvi. 279; *Hook. Sp. Fil.* i. 83; *Kze. Bot. Zeit.* iii. 841.

*Dicksonia splendens, Desv. Prod.* 318.

*Pinonia splendens, Gaud. Ann. Sc. Nat.* (1824) iii. 507; *Id. Frey. Voy.* 96, 366, t. 21.

*Cumingii, Kze.*—*Cibotium Barometz*.

*djambianum, Hassk. Fil. Jav.* 61 (*Bonpl.* 1858).—Sumatra.

*glaucescens, Kze.*—*Cibotium Barometz*.

*glaucophyllum, Presl.*—*Cibotium Barometz*.

*glaucum, Hook. et Arn. Bot. Beech. Voy.* 108 (excl. syn. Klfs. et *Gaud.—f. Hook.*)—Sandwich Isles.

[*Gen. 30. Sp. 1063.*]

- Cibotium glaucum*, *J. Sm. Lond. Journ. Bot.* i. 437; *Fée, Gen. Fil.* 343; *Brack. U. S. Expl. Exped.* xvi. 279; *Hook. Sp. Fil.* i. 82, t. 29 A; *Kze. Bot. Zeit.* iii. 841.  
*Dicksonia glauca*, *Sm. Rees's Cyc.* xi.  
*Hiatea glauca*, *Menzies MS. in Hb.*

*glaucum*, *J. Sm. (En. Phil.)*—*Cibotium Barometz.*

*horridum*, *Liebm.*—? *Cibotium Schiedei.*

*magnificum*, *De Vriese.*—*Dicksonia Blumei.*

*Menziesii*, *Hook. Sp. Fil.* i. 84, t. 29 C.—Sandwich Isles.

*Cibotium Menziesii*, *Fée, Gen. Fil.* 343; *Brack. U. S. Expl. Exped.* xvi. 280; *Kze. Bot. Zeit.* iii. 841.

*proliferum*, *Presl.*—*Deparia prolifera.*

*Schiedei*, *Schlecht. Lin.* v. 616.—Mexico (*Galeotti* 6458;—6488 (*Fée*); *Schaffn.* (1854) 256); Guatemala.

*Cibotium Schiedei*, *Hook. Gen. Fil.* t. 25; *Id. Sp. Fil.* i. 84, t. 30 A; *Presl, Tent. Pter.* 69, t. 11, fig. 9; *Link, Fil. Sp.* 41; *M. et Gal. Foug. Mex.* 80; *Liebm. Mex. Bregm.* 127; *Kze. Lin.* xxiii. 246; *J. Sm. Lond. Journ. Bot.* i. 437; *Fée, Gen. Fil.* 343; *Mettum. Fil. Lips.* 107, t. 28, fig. 8-10; *Lowe, Ferns* viii. t. 35; *Kze. Bot. Zeit.* iii. 841.

? *Cibotium horridum*, *Liebm. Mex. Bregm.* 127.

**CINCINALIS**, *Gleditsch, Syst. Plant.* 290; *Desv. Berl. Mag.* v. 311.

*aquilina*, *Gled.*—*Pteris aquilina.*

*chilensis*, *Fée.*—*Nothochlæna nivea.*

*ciliata*, *Desv.*—*Nothochlæna ciliata.*

*cordata*, *Desv.*—*Grammitis cordata.*

*dealbata*, *Fée.*—*Nothochlæna dealbata.*

*Fendleri*, *Fée.*—*Nothochlæna Fendleri.*

*ferruginea*, *Desv.*—*Nothochlæna trichomanoides.*

*flavens*, *Desv.*—*Gymnogramma flavens.*

*Gleditschii*, *Güldenstadt (Itin.* i. 284, &c.; ii. 209, &c.; *Ledeb. Fl. Ross.* iv. 528.—S. Russia et Caucasus).

*hirsuta*, *Desv.*—*Cheilanthes nudiuscula.*

*javensis*, *Desv.*—*Cheilanthes javensis.*

*Marantæ*, *Desv.*—*Nothochlæna Marantæ.*

*nivea*, *Desv.*—*Nothochlæna nivea.*

*setigera*, *Desv.*—*Woodsia ilvensis.*

*subcordata*, *Desv.*—*Nothochlæna Marantæ*, *β.*

*tenera*, *Fée.*—*Nothochlæna tenera.*

*tomentosa*, *Desv.*—*Nothochlæna tomentosa.*

*trichomanoides*, *Desv.*—*Nothochlæna trichomanoides.*

*vellea*, *Desv.*—*Nothochlæna lanuginosa.*

*vestita*, *Desv.*—*Nothochlæna vestita.*

**CLONIDIUM**, *Moore, Gard. Comp.* (1852) 143, in note;  
*Id. Proc. Lin. Soc.* ii. 212. [Synopsis p. xcviij].

[Gen. 40 Sp. 1064.]

Moorei, *Moore, Gard. Comp.* 143.—New Caledonia.

Deparia Moorei, *Hook. Kew Journ. Bot.* iv. 55, t. 3; *Id. Fil. Esset.* i. t. 28.

Patanema Moorei, *J. Sm. MS.*

Trichiocarpa Moorei, *J. Sm. Cat. Kew, Ferns* 7 (1856); *Id. Cat. Ferns* 68; *Lowe, Ferns* viii. t. 37.

**Cistopteris, Auct.=CYSTOPTERIS.**

**Clementea, Cavanilles, Prælect.** (1802) 553.

*palmiformis*, Cav.—*Angiopteris evecta*.

**Cnemidaria, Presl, Tent. Pter.** 56.

*horrida*, Presl.—*Hemitelia horrida*.

*Karsteniana*, Presl.—*Hemitelia Karsteniana*.

*Klotzschiana*, Presl.—*Hemitelia Klotzschiana*.

*Kohautiana*, Presl.—*Hemitelia Kohautiana*.

*munita*, Presl.—*Hemitelia munita*.

*obtusa*, Presl.—*Hemitelia obtusa*.

*speciosa*, Presl.—*Hemitelia subincisa*.

*spectabilis*, Kze.—*Hemitelia spectabilis*.

**Cochlidium, Kaufuss, Berl. Jahr. des Pharm.** 1820; *Id. Enum. Fil.* 86.

*graminoides*, Klfs.—*Monogramma furcata*.

**Cœlopteris, A. Braun MS.; Mettenius, Abh. Senckenb. Nat. Ges.** ii. 50.

*hysteroides*, A. Braun MS.—*Polypodium obliquatum*.

**Colposoria, Presl, Tent. Pter.** 128 (§)=**DAVALLIA.**

**Colysis, Presl, Epim. Bot.** 146.

*hemionitidea*, Presl.—*Pleopeltis hemionitidea*.

*macrophylla*, Presl.—*Selliguea macrophylla*.

*marginata*, Presl.—*Selliguea membranacea*.

*membranacea*, Presl.—*Selliguea membranacea*.

*membranacea*, J. Sm.—*Pleopeltis membranacea*.

*pothifolia*, Presl.—*Selliguea pothifolia*.

*tridactylis*, Fée.—*Selliguea Finlaysoniana*.

*Wallichiana*, Presl: Fée.—*Loxogramma macrophylla*.

**Cormophyllum, Newman, Phytol.** v. 237.

*arboreum*, Newm.—*Cyathea arborea*.

*capense*, Newm.—*Amphicosmia capensis*.

*horridum*, Newm.—*Hemitelia horrida*.

**Coniogramma**, Fée, *Gen. Fil.* 167.*javanica*, Fée.—*Gymnogramma javanica*.*serra*, Fée.—*Gymnogramma serra*.*serrulata*, Fée.—*Gymnogramma javanica*, γ.**Coptophyllum**, Gardner, *Lond. Journ. Bot.* i. 183 (Coptophyllum, *Bot. Zeit.* i. 816—ex err.)*buniifolium*, Gardn.—*Anemia buniifolia*.*cicutarium*, Kl.—*Anemia cicutaria*.*millefolium*, Gardn.—*Anemia millefolia*.**Craspedaria**, Link, *Fil. Sp.* 117; Fée, *Gen. Fil.* 263.*auriseta*, Fée.—*Goniophlebium tectum*.*calva*, Fée.—*Pleopeltis neglecta*.*chinensis*, Link.—*Niphobolus Lingua*.*ciliata*, Link.—*Goniophlebium ciliatum*.*ciliata*, v. *Hostmanni*, Fée.—*Goniophlebium ciliatum*, β.*cuspidiflora*, Fée.—*Pleopeltis accedens*.*Gestasiaca*, Fée.—*Goniophlebium tectum*.*javanensis*, Fée.—*Goniophlebium javanense*.*lanceolata*, Fée.—*Goniophlebium ciliatum*, β.*lagopodioides*, Fée.—*Goniophlebium vacciniifolium*.*nummularia*, Fée.—*Goniophlebium nummularium*.*ovalis*, Presl.—*Niphobolus rupestris*, β.*pertusa*, Link.—*Niphobolus pertusus*.*piloselloides*, Fée.—*Goniophlebium piloselloides*.*rupestris*, Link.—*Niphobolus rupestris*.*serpens*, Fée.—*Goniophlebium serpens*.*serpens*, Presl.—*Niphobolus rupestris*, β.*surinamensis*, Fée.—*Pleopeltis Leprieurii*.*vacciniifolia*, Link.—*Goniophlebium vacciniifolium*.*veronicaefolia*, Fée.—*Goniophlebium piloselloides*, β.**Craspedophyllum**, Presl, *Hymen.* 33 (§)=HYMENOPHYLLUM.**Craspedoneuron**, Van den Bosch, *Hymen. Jungh.* 6 (§)=  
TRICHOMANES.**Cremidaria**, Hooker, *Gen. Fil.* t. 4. (err. script.)=HEMITELIA.**Crepidium**, Presl, *Hymen.* 23 (§)=HYMENOPHYLLUM.**Crepidomanes**, Presl, *Epim. Bot.* 17, 258.*intramarginale*, Presl.—*Trichomanes intramarginale*.**Crypsinus**, Presl, *Epim. Bot.* 123.*nummularius*, Presl.—*Goniophlebium nummularium*.

[Gen. 40. Sp. 1063.]



**Crypteris**, *Nuttall MS., Hb. Hook.*

*divaricata*, Nutt. MS.—*Platyloma andromedæfolia*.  
*pubescens*, Nutt. MS.—*Platyloma andromedæfolia*.

**Cryptogenis**, *Richard MS. (Brongniart, Dict. Class. d'Hist. Nat. iii. 350).*

*ferulacea*, Rich. MS.—*Ceratopteris thalictroides*.

**CRYPTOGRAMMA**, *R. Brown, App. Frankl. Journ. 767.*  
 [Synopsis p. lxvii.]

*acrostichoides*, *R. Br. App. Frankl. Journ. 767.*—Arctic America: Unalashka; Sitka; Kodiak; N. West America, between 50° and 60° N. Lat.: Rocky Mountains; Nootka Sound; Columbia Falls; Isle Royale, Lake Superior; Oregon.

*Cryptogramma acrostichoides*, *Desv. Prod. 336; Hook. et Grev. Icon. Fil. t. 29; Metten. Fil. Lips. 43.*

*Cryptogramma crispa* (form. americana) *Hook. Sp. Fil. ii. 130.*

*Allosorus acrostichoides*, *Spreng. Syst. 66; J. Sm. Hook. Journ. Bot. iv. 49; Kze. Lin. xxiii. 218; Brack. U. S. Expl. Exped. xvi. 19.*

*Allosorus crispus*, *Ktze. Enum. 143* (excl. plur. syn.)

*Allosorus foveolatus*, *Eupr. Dist. Crypt. Ross. 46; Ledeb. Fl. Ross. iv. 525.*

*Gymnogramma acrostichoides*, *Presl, Tent. Pter. 219.*

*Phorolobus acrostichoides*, *Fée, Gen. Fil. 131.*

*acrostichoides*, *Bongard.*—*Cryptogramma sitchensis*.

*Brunoniana*, *Wall. MS.: Id. Cat. 396.*—India: Simla, Kumaon, Sikkim, Choor, N. W. Thibet.

*Cryptogramma Brunoniana*, *Hook. et Grev. Icon. Fil. t. 158; Metten. Fil. Lips. 43.*

*Cryptogramma crispa*, (form. indica), *Hook. Sp. Fil. ii. 129.*

*Allosorus Brunonianus*, *J. Sm. Hook. Journ. Bot. iv. 49; Eupr. Dist. Crypt. Ross. 47.*

*Gymnogramma Brunoniana*, *Presl, Tent. Pter. 219.*

*Phorolobus Brunonianus*, *Fée, Gen. Fil. 131.*

(Near *Allosorus crispus*).

*crispa*, *R. Br.*—*Allosorus crispus*.

*crispa*, *Hook.*— $\left\{ \begin{array}{l} \text{Allosorus crispus.} \\ \text{Cryptogramma acrostichoides.} \\ \text{Cryptogramma Brunoniana.} \end{array} \right.$

*gracilis*, *Torrey.*—*Allosorus Stelleri*.

*Jamesoni*, *Hook. et Grev.*—*Cheilanthes marginata*.

*retrofracta*, *Hook. et Grev.*—*Gymnogramma flexuosa*.

*robusta*, *Pappe et Rawa.*—*Cheilanthes deltoidea*.

*sitchensis*, *M. [ante p. lxvii].*—Sitka.

*Cryptogramma acrostichoides*, *Bongard, Veg. Ins. Sitka 176?—f. Led.*

*Allosorus sitchensis*, *Eupr. Crypt. Ross. 47; Ledeb. Fl. Ross. iv. 525.*

[Gen. 41. Sp. 1068.]

**Cryptosorus**, *Fée, Congress. Scient. France x. sess. i. 178.**Blumei*, Fée.—*Polypodium obliquatum*.*Dionæa*, Fée.—*Polypodium venulosum*.*elasticus*, Fée.—*Polypodium obliquatum*,  $\beta$ .*obliquatus*, Hook. fil. MS.—*Polypodium obliquatum*.**Cryptostigma**, *A. Braun MS. (Mettenius, Fil. Lips. 80)=*  
*PLECOSORUS*.**Cteisium**, *Richard, Michx. Fl. Bor. Amer. ii. 275.**paniculatum*, Mich.—*Lygodium palmatum*.**Ctenopteris**, *Blume, Fl. Jav. 132 (§); Kze. Bot. Zeit. iv. 425.**crispata*, J. Sm.—*Goniopteris crispata*.*delicatula*, J. Sm.—*Polypodium delicatulum*.*glandulosa*, J. Sm. MS.—*Polypodium glandulosum*.*lachnopus*, Kze. Hb.—*Goniophlebium lachnopus*.*papillosa*, Kze. Hb.—*Polypodium papillosum*.*parvula*, J. Sm. MS.—*Polypodium parvulum*.*repandula*, Kze.—*Polypodium repandulum*.*rufescens*, Kze.—*Polypodium obliquatum*.*sickimensis*, J. Sm. MS.—*Polypodium trichomanoides*,  $\beta$ .*Smithiana*, Kze. Hb.—*Polypodium minutum*.*solida*, Kze. Hb.—*Polypodium solidum*.*subfalcata*, Kze.—*Polypodium subfalcatum*.*trichomanoides*, J. Sm.—*Polypodium trichomanoides*.*venulosa*, Kze.—*Polypodium venulosum*.*vulgaris*, Newm.—*Polypodium vulgare*.**Culcita**, *Presl, Tent. Pter. 135.**macrocarpa*, Presl.—*Dicksonia Culcita*.**Cuspidaria**, *Fée, Hist. Vitt. 25.**furcata*, Fée.—*Tæniopsis furcata*.*subpinnatifida*, Fée.—*Dicranoglossum subpinnatifidum*.*tricuspidis*, Fée.—*Tæniopsis tricuspidata*.**CYATHEA**, *Smith, Mem. Ac. Turin. v. 416. [Syn. p. cii.]**aculeata*, Willd. Hb.: *Klfs. Enum. 255.*—W. Indies: St. Domingo, Portorico, Martinique (*Sieb. Syn. 194.*)*Cyathea aculeata*, *Spreng. Syst. 126; J. Sm. Lond. Journ. Bot. 1. 663;**Id. Cat. Ferns 72; Hook. Sp. Fil. 1. 18.**Disphenia aculeata*, *Presl, Tent. Pter. 65, t. 1, fig. 13; Id. Die Gefassb.**40, t. 7, fig. 14 (stipes); Kze. Lin. xxiii. 252 (excl. syn. Kl.)**Hemitelia aculeata*, *Fée, Gen. Fil. 350.*

[Gen. 42, Sp. 1069.]

1. \_\_\_\_\_

## PLATE XXIX.

---

### A.

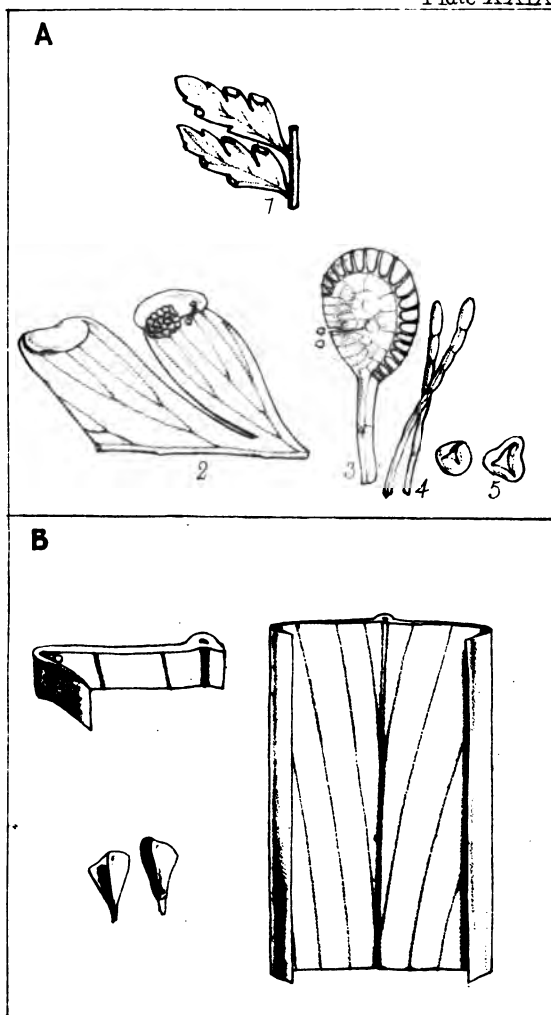
GEN. 50.—**OCHROPTERIS**, *J. Smith*. [Synopsis p. xli.]

- FIG. 1. Segment of *O. FALLENS*, *J. Sm.* (n. s.) .  
2. Fragment of the same, enlarged.  
3. Spore-case.  
4. Sporangiastræ.  
5. Spores.
- 

### B.

GEN. 51.—**HAPLOPTERIS**, *Presl*. [Synopsis p. xli.]

- FIG. 1. Fragment of frond of *H. SCOLOPENDRINA*, *Presl*. (ex spec. auth. Herb. Heward.)  
2. Portion of the same, more enlarged.  
3. Abortive spore-cases?



J. Fitch, del.

**A.** *Ochromeris* **B** *Haplopteris*

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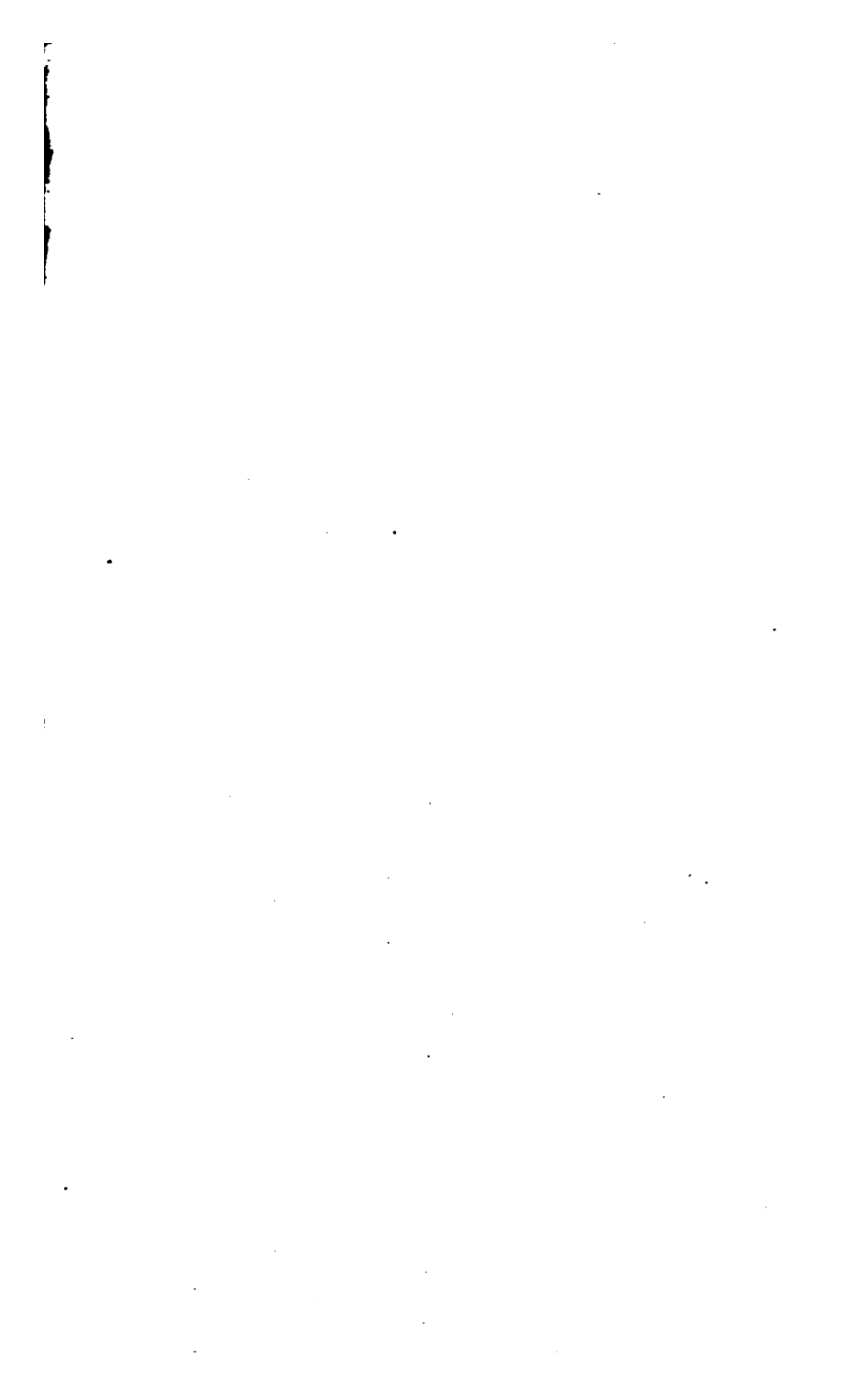


PLATE XXX.

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GEN. 52.—**PTERIS**, *Linnaeus*. [Synopsis p. xlii.]

FIG. 1. Pinna of *P. LONGIFOLIA*, *Lin.* (n. s.)

2. Fragment of the same, enlarged.

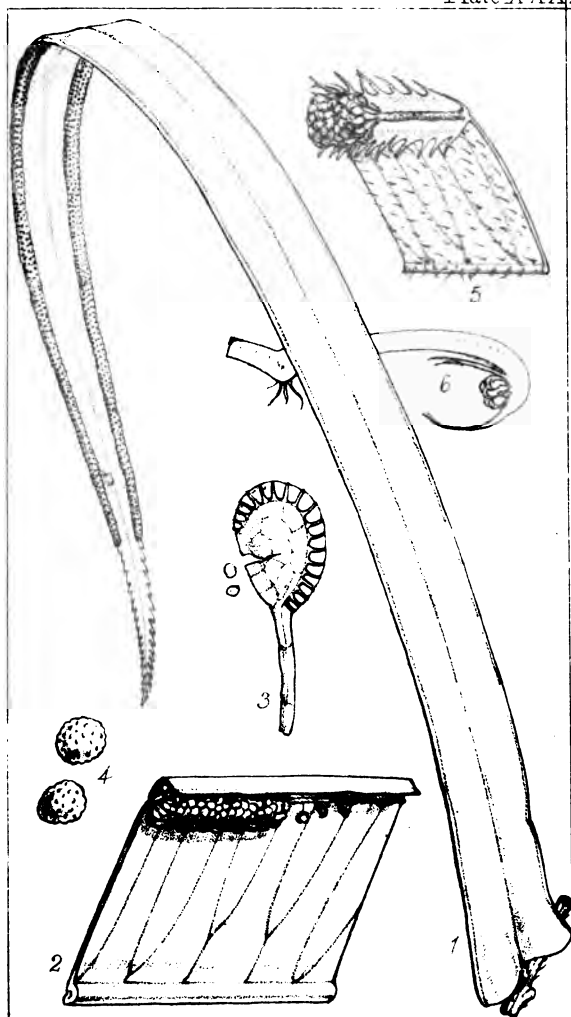
3. Spore-case.

4. Spores.

5. Fragment of *P. AQUILINA*, *Lin.* laid open, showing the double indusium.

6. Section of the same, showing the natural position of the indusia.





J. Eitch del.

*Pteris*.





## PLATE XXXI.

---

### A.

GEN. 53.—**CAMPTERIA**, *Presl*. [Synopsis p. xlii.]

FIG. 1. Segment of *C. BIAURITA*, *Hook.* (n. s.)

2. Fragment of the same, enlarged.

3. Spore-case.

4. Spores.

---

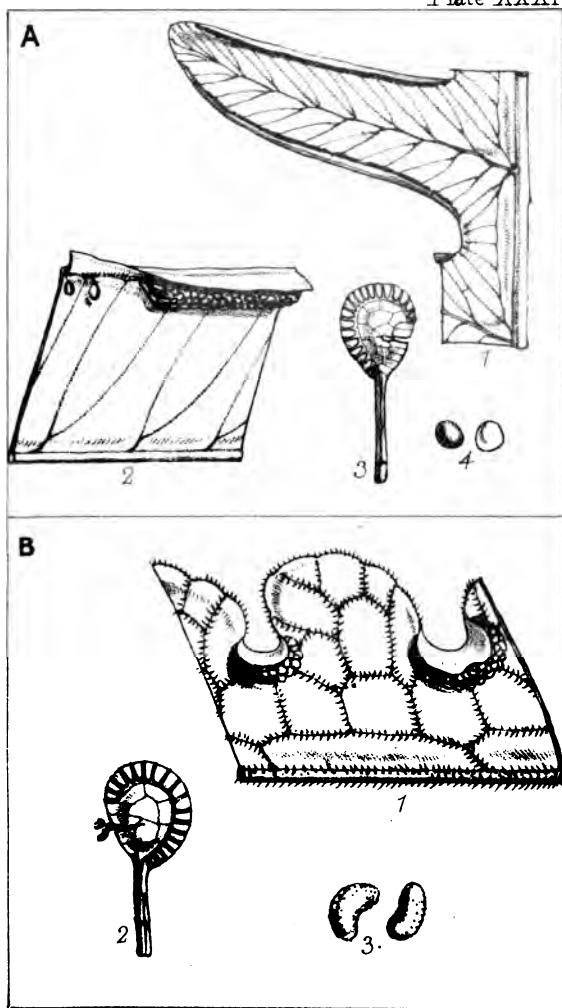
### B.

GEN. 54.—**LONCHITIS**, *Linnaeus*. [Synopsis p. xliii.]

FIG. 1. Fragment of *L. PUBESCENS*, *Willd.*

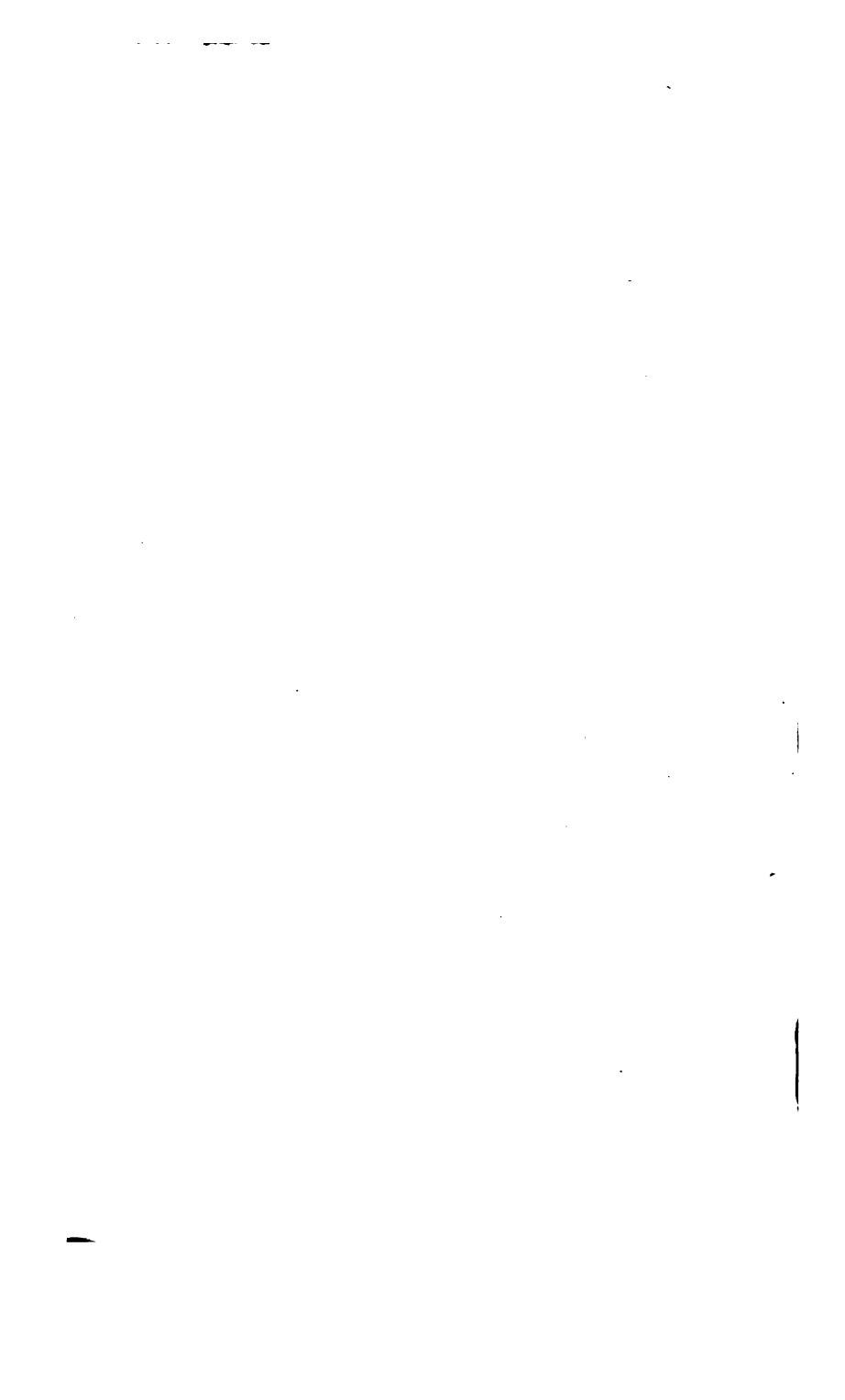
2. Spore-case.

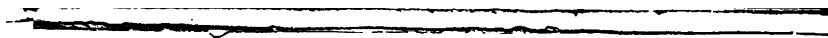
3. Spores.



J. Eitch, del.

A. Campteria, B. Lonchitis.





## PLATE XXXII.

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### GEN. 55.—**LITOBROCHIA**, *Presl.* [Synopsis p. xliii.]

FIG. 1. Pinna of *L. GRANDIFOLIA*, *J. Sm.* (small.)

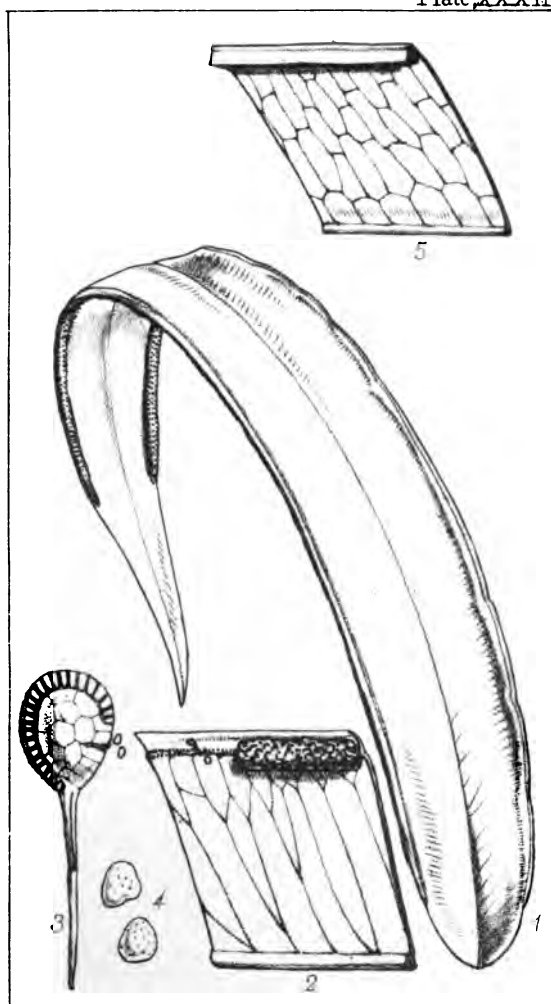
2. Fragment of the same, enlarged, showing the venation of § *Heterophlebia*.

3. Spore-case.

4. Spores.

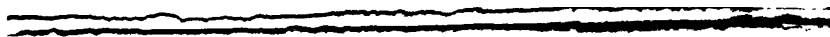
5. Fragment of *L. SPLENDENS*, *Presl.* (n. s.) showing the more normal form of venation in § *Eulitobrochia*.





J. Fitch, del.

*Litobrochia*





## PLATE XXV

---

### A.

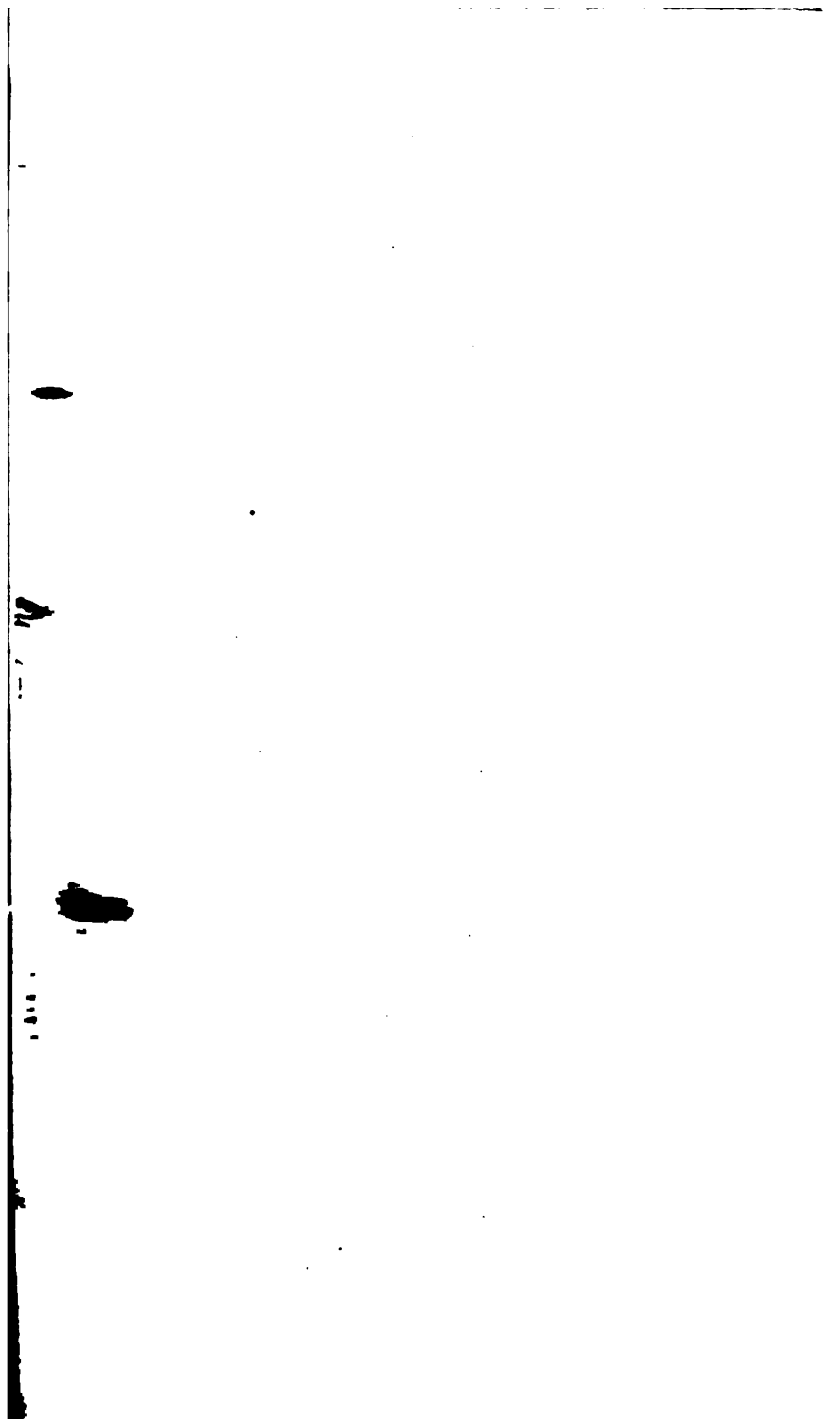
#### GEN. 56.—**AMPHIBLESTRA.**

- FIG. 1. Fragment of *A. LATIFO*  
2. Portion of the same en  
3. Spore-case.  
4. Spores.
- 

### B.

#### GEN. 57.—**WOODWARDIA,**

- FIG. 1. Fragment of *W. RADIC*  
2. Fragment of *W. ASPER.*  
3. Spore-case.  
4. Spores.



## PLATE XXXIII.

---

### A.

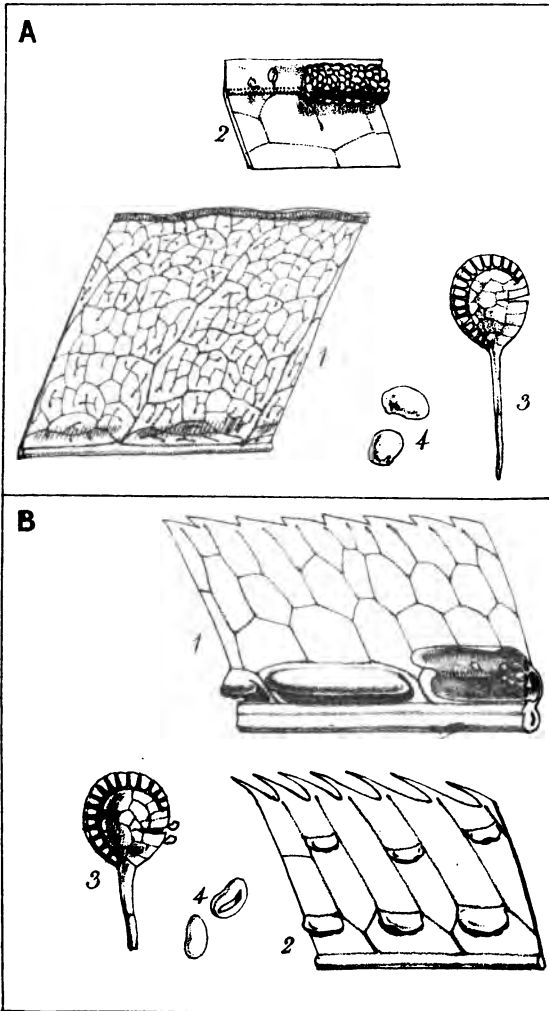
GEN. 56.—**AMPHIBLESTRA**, *Presl.* [Synopsis p. xlv.]

- FIG. 1. Fragment of *A. LATIFOLIA*, *Presl.* (n. s.)  
2. Portion of the same enlarged.  
3. Spore-case.  
4. Spores.
- 

### B.

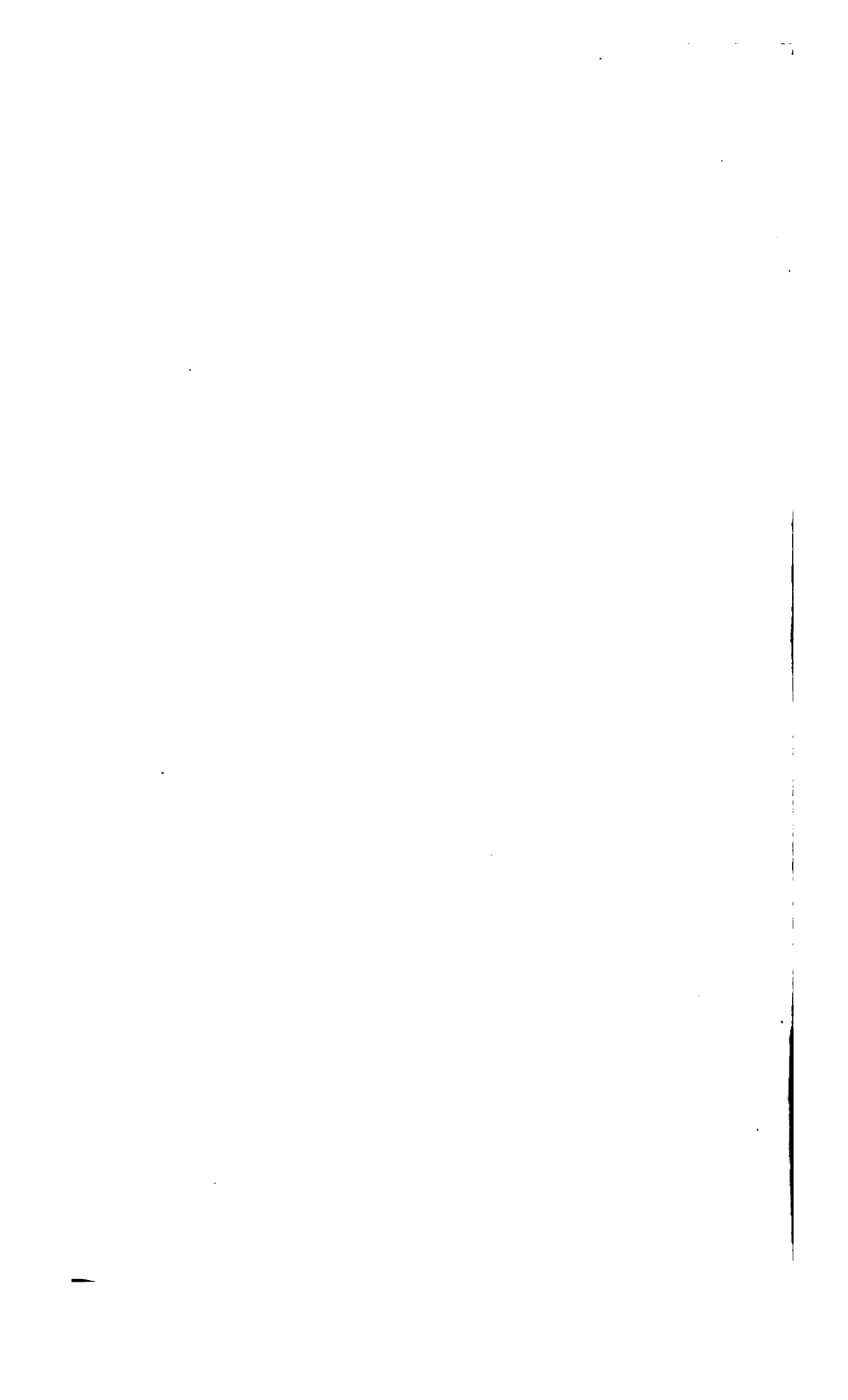
GEN. 57.—**WOODWARDIA**, *Smith.* [Synopsis p. xlv.]

- FIG. 1. Fragment of *W. RADICANS*, *Sm.* (n. s.)  
2. Fragment of *W. ASPERA*, *Fée.*  
3. Spore-case.  
4. Spores.

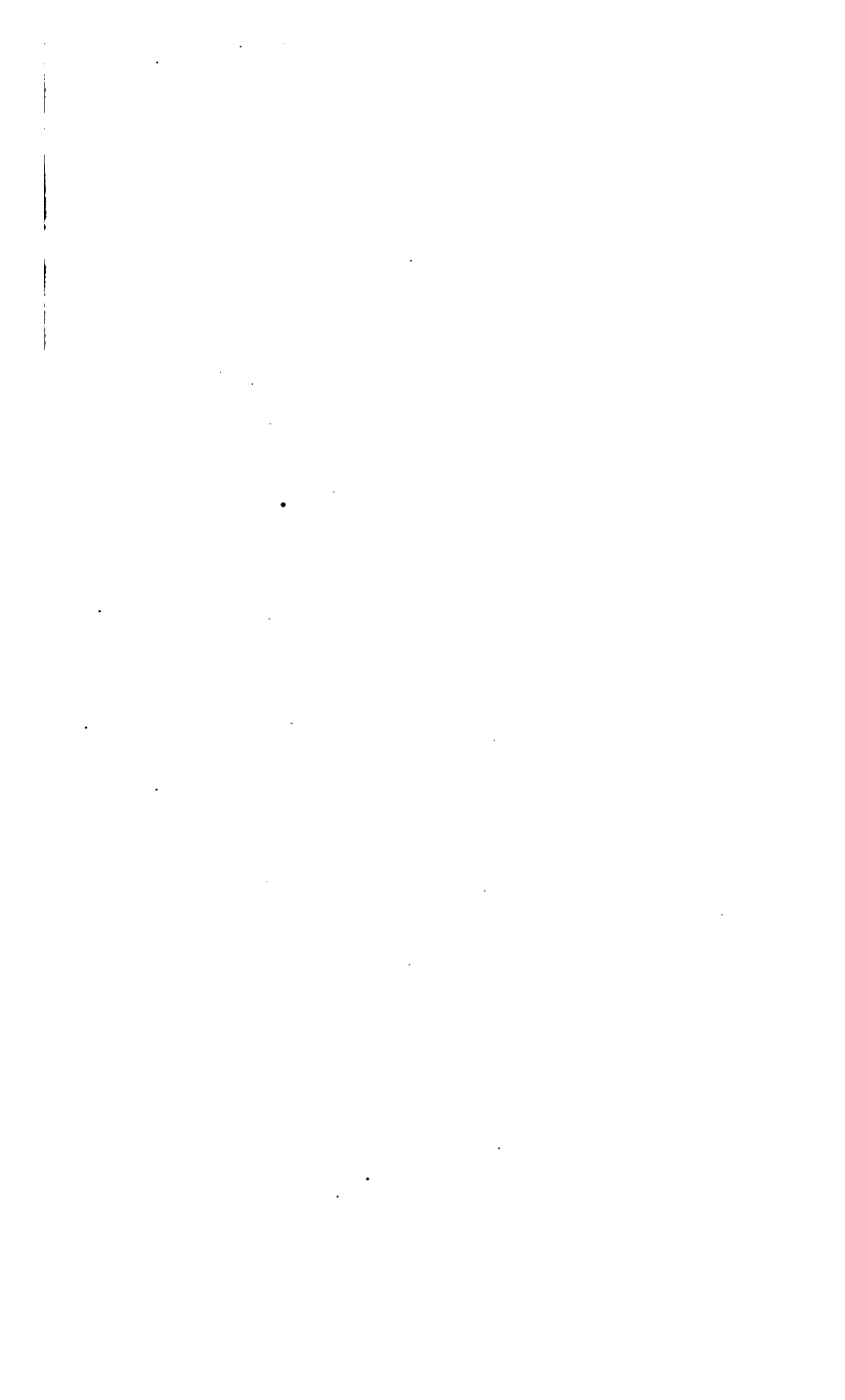


J. Fitch, del.

**A.** *Amphiblestra* **B.** *Woodwardia*.







---

PLATE XXXIV.

---

A.

GEN. 58.—**BRAINEA**, *J. Smith*. [Synopsis p. xlv.]

FIG. 1. Pinna of *B. insignis*, *J. Sm.* (n. s.)

2. Fragment of sterile portion, enlarged.

3. Fragment of fertile portion, showing the transverse costal sori, enlarged.

4. Spore-case.

5. Spores.

---

B.

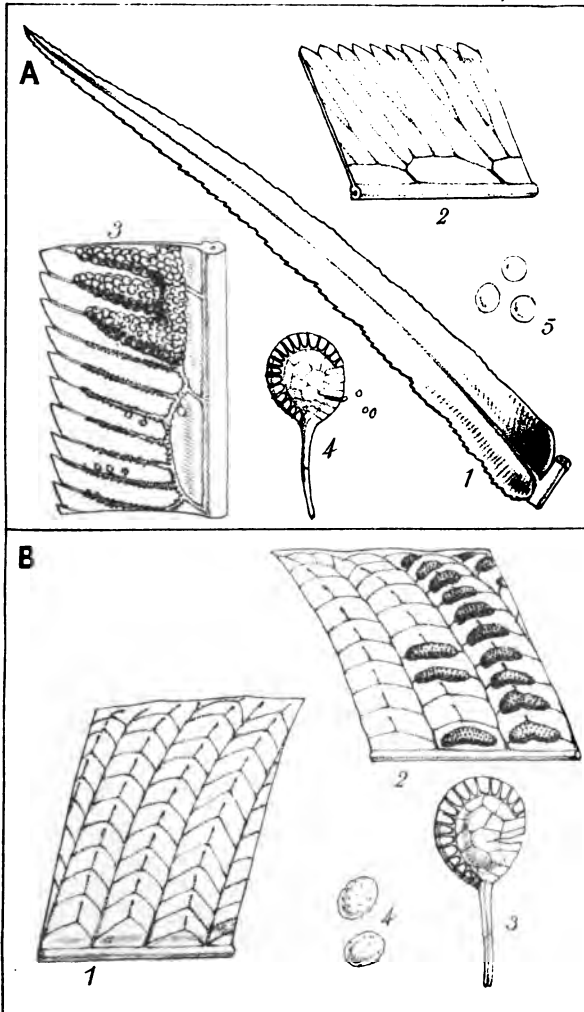
GEN. 59.—**MENISCIMUM**, *Schreb.* [Synopsis p. xlvi.]

FIG. 1. Fragment of sterile portion of *M. reticulatum*, *Schreb.* (n. s.)

2. Fragment of fertile portion of the same, showing the transverse sori. (n. s.)

3. Spore-case.

4. Spores.



J.Fitch del

A.Brainea B.Meniscium.



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---

BY

**THOMAS MOORE, F.L.S., F.R.H.S.,**

AUTHOR OF "THE HANDBOOK OF BRITISH FERNS; "THE  
FERNS OF GREAT BRITAIN AND IRELAND, NATURE PRINTED," &c.;

EDITOR OF THE "FLORAL MAGAZINE;"

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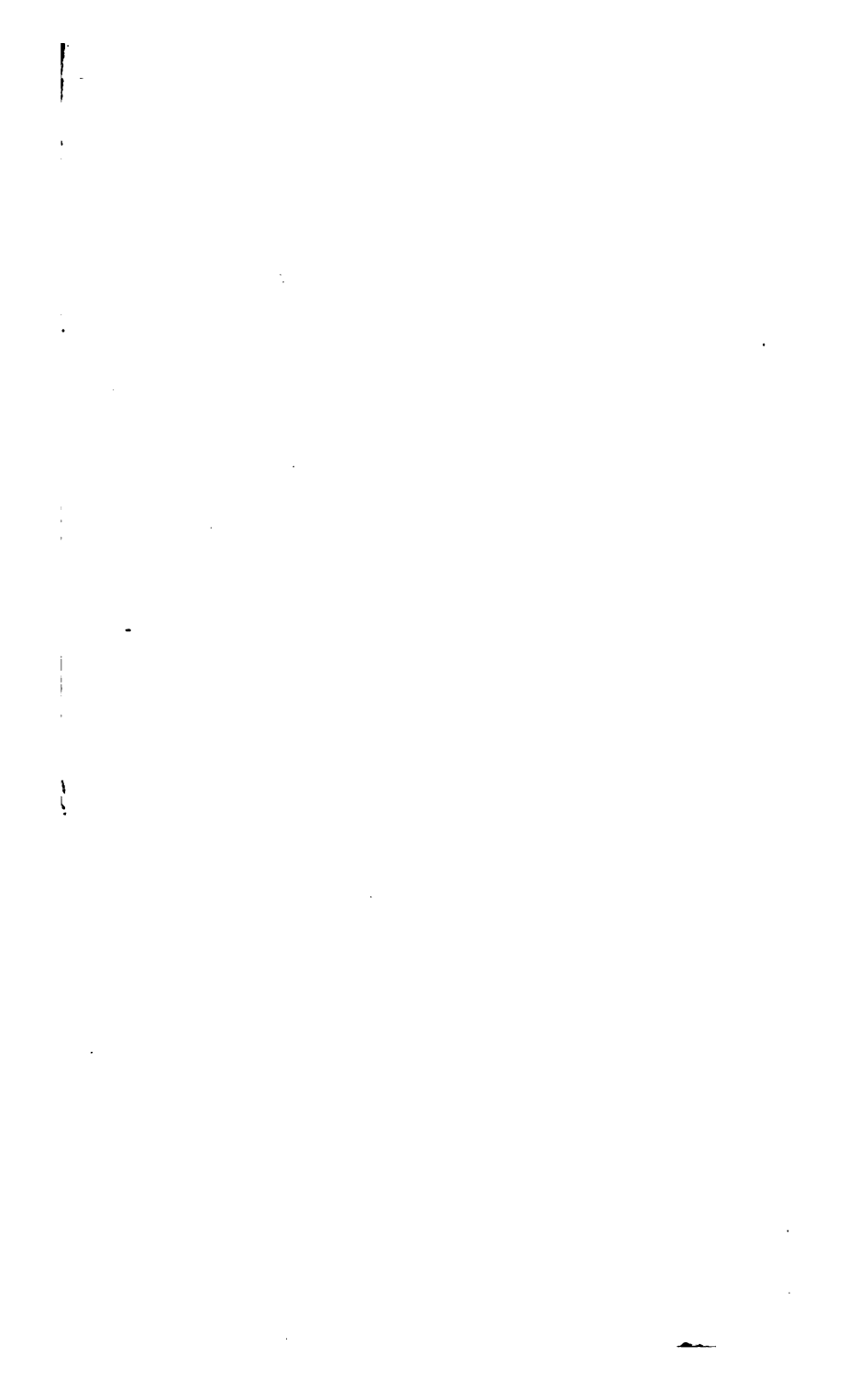
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tarum," which contains the Ferns *complete*. 12s.

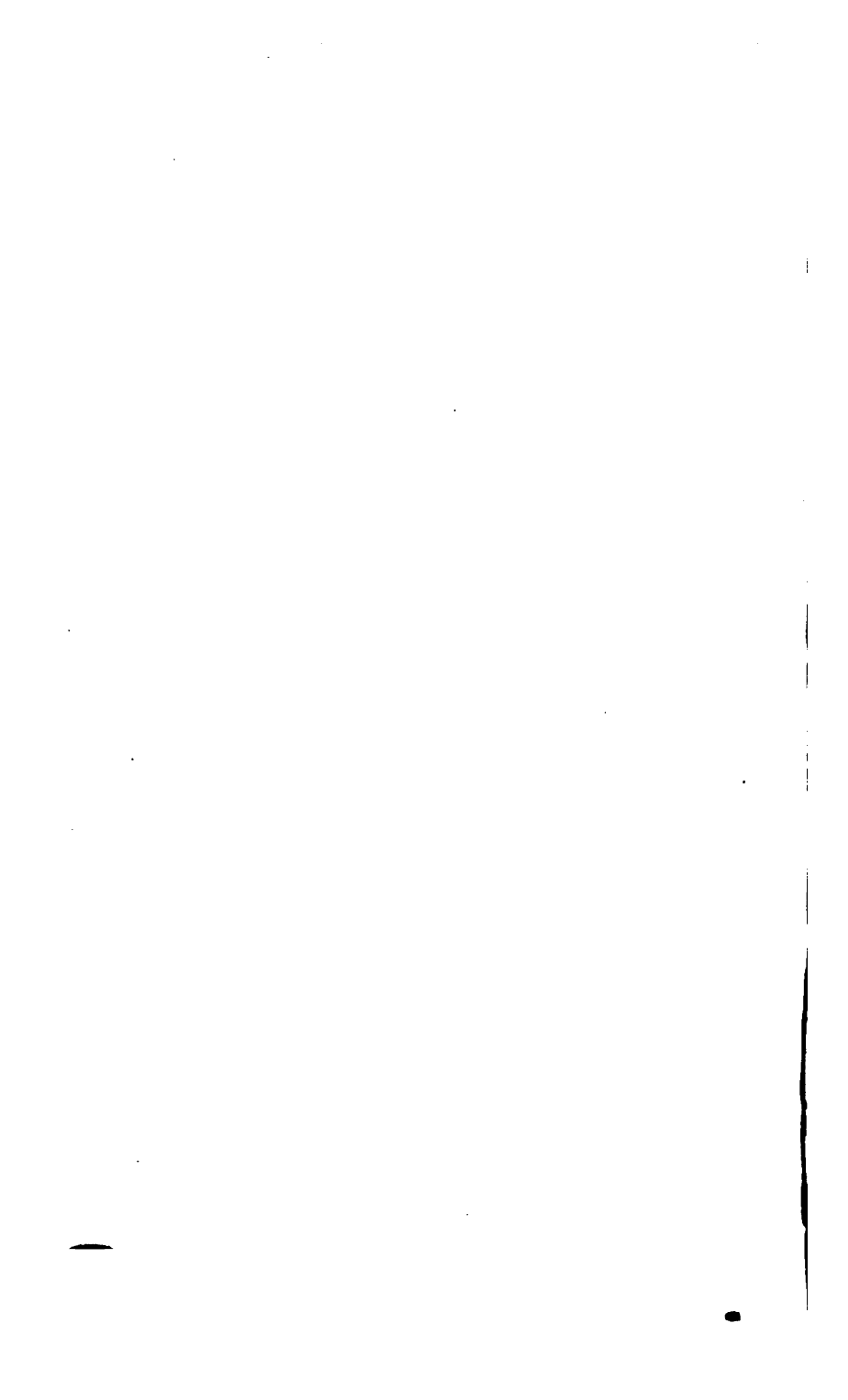
Berlin, 1810

FERNs. The volume of "Sprengels Systema Vegeta-  
bilium," which contains the Ferns *complete*. 16s.

Göttingen, 1827

FERNs. The volume of "Hooker's Icones," which  
contains Ferns only, (that is, the tenth volume.)  
£1 8s. London, 1854.







*aeuleata*, Hb. Reg. Bras. Ber.— { *Alsophila paleolata* (Kl.)  
*Amphicosmia setosa* (Mett.)  
*aeuleata*, Sieb. (Fl. Mart.)—*Cyathea arborea*.

*affinis*, Sw. Schrad. Journ. 1800, ii. 94; *Id. Syn. Fil.* 140, 368.—Pacific Islands; Amboyna (*Roxb.*); ? Feejee and Samoan Islands.

*Cyathea affinis*, Schkr. Crypt. i. 129; Willd. Sp. Pl. v. 404; Presl, Tent. Pter. 66; Spreng. Syst. 127; Desv. Prod. 322; J. Sm. Lond. Journ. Bot. i. 863; ? Brack. U. S. Expl. Exped. xvi. 283.

*Cyathea bisulca*, Schkr. Crypt. t. 132 b (incl. t. 132, figs. d—i).

*Polypodium affinis*, Forst. Prod. 455; Roxb. Calo. Journ. Nat. Hist. iv. 404.

*alpina*, Roth.—*Cystopteris regia*.

*alternans*, Presl.—*Amphicosmia* ? *alternans*.

*anthriscifolia*, Roth.—*Cystopteris fragilis*.

*arborea*, Sm. Act. Taur. v. 417.—W. Indies: Jamaica, St. Domingo, St. Vincent's, Cuba (*Wright* 892, 893, 948), Portorico, Martinique; Columbia; Brazil; Guiana centr.—Plum. tt. 1, 2; Descourt. Antill. i. t. 63.—f. Pritz.; Dict. Sc. Nat. Bot. ed. Levr. t. 57.

*Cyathea arborea*, Sw. Prod. 139; *Id. Schrad. Journ.* 1800, ii. 93; *Id. Syn. Fil.* 139; Willd. Sp. Pl. v. 401; Klft. Enum. 254 (excl. syn. *C. serrata*); Spreng. Syst. 126; Desv. Prod. 322; J. Sm. Lond. Journ. Bot. i. 863; Metten. Fil. Lips. 111; Kze. Bot. Zeit. ii. 279.

*Cyathea arborea*, a. nigrescens, Hook. Sp. Fil. i. 17.

*Cyathea guadalupensis*, Spreng. Nov. Act. Acad. N. C. x. 233.—f. Hook.; Klft. Enum. 255.

*Cyathea aculeata*, Sieb. Fl. Mart. 194.—f. Kl.

*Cyathea Tussacii*, Desv. Prod. 323; Hook. Sp. Fil. i. 22; Kze. Bot. Zeit. ii. 282.

*Cormophyllum arboreum*, Newm. Phytol. v. 238.

*Disphenia arborea*, Presl, Tent. Pter. 66; *Id. Die Gefassb.* 40, in note (excl. syn. Spreng.); Kl. Lin. xx. 440; Kze. Lin. xliii. 252.

*Disphenia guadalupensis*, Hort.—f. Baum. Ind. Fil.

*Hemitelia arborea*, Fée, Gen. Fil. 350.

*Polypodium arboreum*, Lin. Sp. Pl. 1554; Poir. Enc. Bot. v. 549.

—*β. Sternbergii*, M.—Brazil (*Blanch.* 2489, 2462, 2606).

*Cyathea Sternbergii*, Pohl: Sternb. Fl. der Vorwelt 47, t. G; Moricand MS.: Hb. Hook.—f. Hook.; Presl, Tent. Pter. 55; *Id. Die Gefassb.* 39, in note; Hook. Sp. Fil. i. 22; Kze. Bot. Zeit. ii. 281.

*arborea*, Bory.—*Cyathea excelsa*.

*arborea*, Ham. Hb.—*Cyathea canaliculata*.

*arborea*, *β. Hassk.*—*Cyathea orientalis*.

*arborea*, *β. Hook.*—*Cyathea Grevilleana*.

*armata*, Spreng. Hb.—*Alsophila Sprengeliana*.

*articulata*, Fée, Cat. lith. Foug. Mex. 25; *Id. Iconogr. Nouv.* 111; Mexico (*Galeotti* 6531).

*aspera*, Sw. Schrad. Journ. 1800, ii. 93, *Id. Syn. Fil.* 139.—West Indies: Jamaica, St. Domingo, Montserrat, Porto-

rico; B. Guiana (*Rich. Schomb.* 246), Caraccas (*Moritz* 453)—*Plum.* t. 3.

*Cyathea aspera*, *Willd. Sp. Pl.* v. 496; *Spreng. Syst.* 127; *Presl. Tent. Pter.* 55; *Kl. Lin.* xx. 439; *Hook. Sp. Fil.* i. 18; *Kze. Bot. Zeit.* ii. 280; *Reichardt, Gefassb.* t. 1, figs. 12-14.

*Hemitelia aspera*, *Fée, Gen. Fil.* 350.

*Polypodium asperum*, *Lin. Sp. Pl.* 1555; *Poir. Enc. Bot.* v. 550.

*aspera*, *Kl.*—*Amphicosmia Hostmanni*.

*aspidioides*, *Moritz*.—*Diacalpe aspidioides*.

*aurea*, *Klotzsch, Bot. Zeit.* iv. 101.—Columbia (*Wagener* 365; *Karsten* 7; *Hartweg* 412.—f. *Kl.*)

*Cyathea aurea*, *Kze. Lin.* xxi. 750; xxiii. 246; *Fée, Gen. Fil.* 352; *Presl, Die Gefassb.* 39, in note.

*Cyathea mexicana*, *Kl. Lin.* xx. 439 (non *Schlecht.*); *Hook. Pl. Hartweg.* 54.—f. *Kl.*

*aurea*, *Schaffn. MS.*—*Alsophila aurea*.

*badia*, *Kl. Hb.*—*Cyathea Schanschin*.

*balanocarpa*, *Eaton, Mem. Acad. Amer. Sc. n. ser.* viii. 215—Cuba (*Wright* 1063).

*Beyrichiana*, *Presl.*—*Amphicosmia Beyrichiana*.

*bicrenata*, *Liebm.*—*Cyathea serra*.

*bisulca*, *Schkr.*—*Cyathea affinis*.

*boconensis*, *Hort. Lind.* 1858.

*Bongardiana*, *Kze.*—*Amphicosmia Beyrichiana*.

*borbonica*, *Desv.*: *Poir.*—*Cyathea canaliculata*.

*Brunonis*, *Wall. Cat.* 179.—Malacca (*Cuming* 378); Molucca Islands; Penang; Borneo (*Lobb* 167).

*Cyathea Brunonis*, *Presl, Tent. Pter.* 55, t. 1, fig. 9; *Id. Die Gefassb.* 38, t. 7, fig. 8 (stipes); *Hook. Sp. Fil.* i. 15; *Kze. Bot. Zeit.* ii. 279; *Metten. Fil. Lips.* 111.

*Cyathea ensiformis*, *Wall. Hb.*

*Cyathea longifolia*, *Wall. Hb.*

*Cyathea moluccana* "R. Br."; *Desv. Prod.* 322.—f. *Presl.*

*Cyathea pinnata*, *Roxb. Calc. Journ. Nat. Hist.* iv. 517.

*Cyathea polypodioides*, *Hook. MS. Hb.*

*Schizocæna Brunonis*, *Hook. Gen. Fil.* t. 2; *J. Sm. Hook. Journ. Bot.* iii. 419; *Id. Lond. Journ. Bot.* i. 661; *Fée, Gen. Fil.* 354, t. 27 ter B.

*Schizocæna ensiformis*, *J. Sm. MS.*—f. *Hook.*

*Schizocæna Gaudichaudii*, *Fée, Gen. Fil.* 354.

*bulbifera*, *Bernh.*—*Diplazium radicans*.

*Burkei*, *Hook.*—*Cyathea Dregei*.

*canaliculata*, *Willd. Hb.*: *Spreng. Syst.* iv. 126.—Mascaren Isles (*Sieb. Syn.* 59; *Id. Fil. Mart.* 305); Madagascar; Society Islands (*Brack.*)

*Cyathea canaliculata*, *Presl, Tent. Pter.* 55; *Id. Die Gefassb.* 39, t. 7, fig. 9 (stipes); *Hook. Sp. Fil.* i. 23, t. 11 B; *Kze. Bot. Zeit.* ii. 282; *Fée, Gen. Fil.* 352; *Brack. U.S. Expl. Exped.* xiv. 282; *Lowe, Ferns* viii. t. 55.

[*Gen.* 42. Sp. 1077]

- Cyathea arborea*, *Ham. Hb.*  
*Cyathea borbonica*, *Desv. Berl. Mag.* 1811, v. 323; *Poir. Enc. Supp.* ii. 425.—*f. Hook.*; *Spreng. Syst.* 126.  
*Cyathea mascarena*, "*Sw.*"; *Desv. Prod.* 322.  
*Cyathea robusta*, *Bojer MS.*; *Wall. Cat.* 182.  
*Alsophila* ? *Telfairiana*, *Wall. Cat.* in note; *Hook. Sp. Fil.* i. 56.  
*Aspidium Telfairianum*, *Wall. Cat.* 385.  
—*β. melanocaula*, (*Hook. Sp. i.* 23.)—Madagascar.  
*Cyathea melanocaula*, *Desv. Prod.* 322.—*f. Hook.*  
—*γ. latifolia*, *Hook. Sp. Fil.* i. 23, t. 13 A.—Mauritius (*Sieb. Fl. Mixt.* 304); Madagascar.  
*Cyathea canaliculata*, *β. Hook. Sp. Fil.* i. 23.  
*capensis*, *Sm*—*Amphicosmia capensis*.  
? *celebica*, *Bl. Enum.* 245.—Celebes, Ternate.  
*Cyathea celebica*, *Hook. Sp. Fil.* i. 26; *Kze. Bot. Zeit.* ii. 223.  
*ciutaria*, *Ham. Hb.*—*Microlepis Speluncæ*, *β.*  
*Commersoniana*, *Fée, Gen. Fil.* 352.—Mauritius (*Commers.* 1773)  
*Cyathea discolor*, *Bory.*—*f. Fée.*  
*commutata*, *Spreng.*—*Hemitelia horrida*.  
*compta*, *Mart.*—*Alsophila atrovirens*.  
*crenulata*, *Bl. Enum.* 244.—Java; Moluccas.  
*Cyathea crenulata*, *Hook. Sp. Fil.* i. 25; *Kze. Bot. Zeit.* ii. 283; *Hassk. Fil. Jav.* 22.  
? *Polypodium arborescens*, *Roeb. Journ. Nat. Hist.* iv. 495 (Moluccas).  
? *Polypodium arboresum*, *Roeb. Hb.*; *Wall. Cat.* 2226 (not in *Hb.*)  
*crenulata*, *Zoll.*—*Cyathea orientalis*.  
*crispa*, *Roth.*—*Cystopteris regia*.  
*Cunninghamii*, *Hook. fl. Hook. Icon. Pl.* t. 985; *Id. Fl. New Zealand* ii. 7.—New Zealand.  
*Cyathea Cunninghamii*, *Ralph, Journ. Lin. Soc.* iii. 163, 167.  
*cuspidata*, *Kze. Lin.* ix. 101; *Id. Bot. Zeit.* ii. 280.—Peru.  
*Cyathea cuspidata*, *Mart. Icon. Crypt. Bras.* 78; *Presl, Tent. Pter.* 55; *Id. Die Gefussb.* 39, in note; *Hook. Sp. Fil.* i. 19, t. 12 A; *Fée, Gen. Fil.* 352.  
*cynapiifolia*, *Roth.*—*Cystopteris fragilis*.  
*dealbata*, *Sw. Schrad. Journ.* 1800, ii. 94; *Id. Syn. Fil.* 140, 365.—New Zealand (*Stephenson* 85.)  
*Cyathea dealbata*, *Willd. Sp. Pl.* v. 485; *Klfs. Enum.* 258; *Spreng. Syst.* 127; *Desv. Prod.* 323; *Presl, Tent. Pter.* 55; *Id. Die Gefussb.* 39, in note; *Rich. F. New Zealand* 77, t. 10; *J. Sm. Lond. Journ. Bot.* i. 683; *Hook. Sp. Fil.* i. 27; *Kze. Lin.* xxiii. 409; *Id. Bot. Zeit.* ii. 234; *Hook. fl. i. New Zeal.* ii. 7; *Fée, Gen. Fil.* 352; *Brack. U. S. Expl. Exped.* xvi. 281; *Ralph, Journ. Lin. Soc.* iii. 163, 164; *Lowe, Ferns* viii. t. 58.

*Polypodium dealbatum*, *Forst. Prod.* n. 454.

—*β. serrata*, M.—New Zealand.

*Cyathea serrata*, *Swainson Hb.*

*Delgadii*, *Pohl, Sternb. Flora der Vorwelt*, t. B (1825)—  
Brazil (*Gardn.* 1907).

*Cyathea Delgadii*, *Presl, Tent. Pter.* 55; *Hook. Sp. Fil.* i. 22; *Kze. Bot. Zeit.* ii. 290, 281.

*Cyathea vestita*, *Mart. Denkschr. Regensb.* ii. 146; *Id. Icon. Crypt. Bras.* 75, t. 52; *Presl, Tent. Pter.* 55; *Id. Die Gefassb.* 39, in note; *Hook. Sp. Fil.* i. 20; *Fée, Gen. Fil.* 352.

*dentata*, Sm.—*Cystopteris fragilis*, L.

*denticulata*, *Goldm. Nov. Act. N.C.* xix. supp. 466.—Brazil.

*denudans*, Kze.—*Cyathea mexicana*.

*discolor*, Bory.— { *Alsophila pruinata* (Hook.).  
*Cyathea Commersoniana* (Fée.)

*divergens*, Kze. *Lin.* ix. 100; *Id. Bot. Zeit.* ii. 280.—Peru.

*Cyathea divergens*, *Mart. Icon. Crypt. Bras.* 78; *Presl, Tent. Pter.* 55; *Id. Die Gefassb.* 39, t. 7, fig. 10; *Hook. Sp. Fil.* i. 19, t. 11 A; *Fée, Gen. Fil.* 352.

*Dregei*, Kze. *Lin.* x. 551; xiii. 152; xxiii. 246; *Id. Bot. Zeit.* ii. 282.—S. Africa (*Zeyher* 1862): Macalisberg, Kaffraria; Port Natal (*Plant* 814).

*Cyathea Dregei*, *Hook. Sp. Fil.* i. 23, t. 10 B; *Presl, Die Gefassb.* 39, in note; *Moore, Kew Journ. Bot.* v. 227; *Fée, Gen. Fil.* 352; *Pappe et Raws. Syn. Fil. Afr. Aust.* 11.

*Cyathea Burkei*, *Hook. Sp. Fil.* i. 23, t. 17 B; *Kze. Bot. Zeit.* ii. 283; *Fée, Gen. Fil.* 352; *Pappe et Raws. Syn. Fil. Afr. Aust.* 11.

—*β. serrata*, *Hook. Sp. Fil.* i. 23, t. 17 A.—S. Africa.

*ebenina*, *Karsten (Bot. Zeit.* xii. 855) *Pl. Columb.* t. 2.—  
Columbia: Caraccas (*Moritz* 393)

*Cyathea ebenina*, *Reichardt, Gefassb.* 10, t. 1, fig. 5-9.

*elegans*, Heward.—*Cyathea Grevilleana*.

*ensiformis*, Wall. Hb.—*Cyathea Brunonis*.

*equestris*, Kze. *Lin.* ix. 100; *Id. Bot. Zeit.* ii. 280; *Id. Schkr. Supp.* i. 181, t. 76.—Peru.

*Cyathea equestris*, *Presl, Tent. Pter.* 55; *Id. Die Gefassb.* 39, in note; *Hook. Sp. Fil.* i. 19.

*excelsa*, Sw. *Syn. Fil.* 140, 367.—Bourbon, Mauritius (*Sieb. Syn. Fil.* 58; *Id. Fl. Mixt.* 303); Java.

*Cyathea excelsa*, *Willd. Sp. Pl.* v. 402; *Klfs. Enum.* 257; *Desc. Prod.* 322; *Spreng. Syst.* 127; *Wall. Cat.* 181; *Presl, Tent. Pter.* 55, t. 1, fig. 15; *Id. Die Gefassb.* 39, t. 7, fig. 11 (stipes); *J. Sm. Lond. Journ. Bot.* i. 663; *Kze. Lin.* xxiii. 246; *Id. Bot. Zeit.* ii. 283; *Hook. Sp. Fil.* i. 24, t. 12 B; *Fée, Gen. Fil.* 352; *Low, Ferns* viii. t. 56.

- Cyathea arborea*, Bory, Voy. i. 179.  
*Cyathea extensa*, Moritz, Verz.—f. Kze.  
*Alsophila extensa*, Moritz, Verz.—f. Kze.
- extensa*, Schkr.—*Cyathea medullaris*.  
*extensa*, Sw.—*Alsophila lunulata*.  
*extensa*, Hook.—*Alsophila decurrens*.  
*extensa*, Moritz.—*Cyathea excelsa*.  
*ferox*, Presl.—*Alsophila aculeata*.  
*flaccida*, Spreng.—*Dennstaedtia flaccida*.  
*Filix-femina*, Bertol.—*Athyrium Filix-femina*.  
*formosa*, Colenso MS.—*Cyathea Smithii*.  
*fragilis*, Sm.—*Cystopteris fragilis*.  
*fulva*, Fée.—*Cyathea Schansein*.
- Gardneri*, Hook. Sp. Fil. i. 21, t. 10 A (not B).—Brazil  
 (Gardn. 5328, 5333).  
*Cyathea Gardneri*, Presl, Die Gefassb. 39, in note; Kze. Bot. Zeit. ii.  
 281; Fée, Gen. Fil. 352.  
*Cyathea superfusa*, Kze. MS.: Hb. Mus. Vindob.—f. Kze.
- gigantea*, Pohl Hb.—*Cyathea hirtula*.  
*glauca*, Bory, Voy. ii. 206.—Bourbon.  
*Cyathea glauca*, Sw. Syn. Fil. 140; Willd. Sp. Pl. v. 403; Poir. Enc.  
 Supp. ii. 424; Klfs. Enum. 257; Desc. Prod. 322; Spreng. Syst.  
 127; Presl, Tent. Pter. 55; Hook. Sp. Fil. i. 25; Kze. Bot. Zeit.  
 ii. 283; iv. 476, in obs.; Fée, Gen. Fil. 352.
- globularis*, Presl, Epim. Bot. 30.—New Grenada (Lind. ? 1021).  
*Goudotii*, Kze. Hb.: Id. Bot. Zeit. ii. 283, in obs.—Madagas-  
 car (Goudot. 27).
- grandifolia*, Willd.—*Hemitelia grandifolia*.  
*Grevilleana*, Mart. Icon. Crypt. Bras. 78.—West Indies:  
 Jamaica, Cuba (Lind. 1768).  
*Cyathea Grevilleana*, Hook. Sp. Fil. i. 22; Kze. Bot. Zeit. ii. 281; Fée,  
 Gen. Fil. 352.  
*Cyathea arborea*,  $\beta$ . *pallida*, Hook. Sp. Fil. i. 17.  
*Cyathea elegans*, Heward, Mag. Nat. Hist. 1838, 466.—f. Kze.; Hook.  
 Gen. Fil. t. 23; J. Sm. Lond. Journ. Bot. i. 663; Id. Bot. Mag.  
 1846, comp. 37; Moore et H. Gard. Mag. Bot. iii. 330, fig. 79;  
 Moore, Synops. cili  
*Disphenia Grevilleana*, Kze. Lin. xxiii. 252.
- guadelupensis*, Spreng.—*Cyathea arborea*.  
*hexagona*, Schaffn. MS.—*Cyathea mexicana*.  
*hirtula*, Presl.—*Alsophila hirta*.
- hirtula*, Mart. Icon. Crypt. Bras. 76, t. 53.—Brazil; B.  
 Guiana (Rich. Schomb. 1124a),  
*Cyathea hirtula*, Presl, Tent. Pter. 55; Id. Die Gefassb. 39, in note;  
 Kl. Lin. xviii. 539; Hook. Sp. Fil. i. 20; Kze. Bot. Zeit. ii. 290;  
 Fée, Gen. Fil. 352.  
*Cyathea gigantea*, Pohl Hb.—f. Presl.

*horrida*, Sm.—*Hemitelia horrida*.

*horrida*, Sieb.—*Hemitelia grandifolia*.

Imrayana, *Hook. Sp. Fil.* i. 18, t. 9 B.—Jamaica, Dominica.

*Cyathea* Imrayana, *Koe. Bot. Zeit.* ii. 280.

—*β. subnudata*, *Hook. Sp. Fil.* i. 18.—Jamaica.

*incisa*, Sm.—*Cystopteris regia*.

*incurvata*, *Kze. Lin.* xxii. 579.—Brazil (*Regn.* i. 477).

*insignis*, *Eaton, Mem. Amer. Acad. Sc. n. s. viii.* 215.—Cuba (*Wright* 1064).

*integra*, *J. Sm. Hook. Journ. Bot.* iii. 419.—Amboyna; Philippine Islands (*Cuming* 120); New Ireland.

*Cyathea integra*, *Hook. Icon. Pl.* t. 638; *Id. Sp. Fil.* i. 26; *Koe. Bot. Zeit.* ii. 283; *Fée, Gen. Fil.* 352.

—*β. petiolata*, *Hook. Sp. Fil.* i. 26.—Philippine Islands (*Cuming* 359); Veraguas; ? Jamaica.

*Cyathea integra, β. petiolata*, *Hook. Icon. Pl.* t. 638, fig. 2; *J. Sm. Bot. Voy. Herald* i. 241.

*Cyathea petiolata*, *J. Sm. Hook. Journ. Bot.* iii. 419; *Presl, Die Gefässb.* 39, in note, 40, t. 7, fig. 13 (stipes); *Fée, Gen. Fil.* 352.

*javanica*, *Bl. Enum.* 245.—Java.

*Cyathea javanica*, *Hook. Sp. Fil.* i. 26; *Koe. Bot. Zeit.* ii. 283; *Presl, Die Gefässb.* 39, in note; *Metten. Fv. Lips.* 111, in obs.; *Hassk. Fil. Jav.* 17.

*javanica, β. Bl.*—*Cyathea orientalis*.

*laevigata*, *Willd. Hb.: Klfs. Enum.* 256.—Madagascar.

*Cyathea laevigata*, *Spreng. Syst.* 127; *Presl, Tent. Pter.* 55; *Id. Die Gefässb.* 39, in note; *Hook. Sp. Fil.* i. 16; *Koe. Bot. Zeit.* ii. 279.

*Cyathea madagascarensis*, *Klfs. Enum.* 257.—*f. Presl; Spreng. Syst.* 127.

*Alsophila madagascarensis*, *Willd. Hb. n.* 20166.—*f. Presl.*

*Schizocæna laevigata*, *J. Sm. Lond. Journ. Bot.* i. 661.

*lanuginosa*, *Jungh.*—*Alsophila lanuginosa*.

*leucophæa*, *Hassk. Kew Journ. Bot.* vii. 323; *Id. Fil. Jav.* 26.—Java.

*Lechleri*, *Metten. Fil. Lechl. fasc.* 2, 32.—Peru; St. Gavan.

*Lindeniana*, *Presl, Ep. Bot.* 30.—New Grenada (*Lind.* 1022).

*Cyathea Lindeniana*, *Fée, Gen. Fil.* 352.

*longifolia*, *Wall. Hb.*—*Cyathea Brunonis*.

*madagascarensis*, *Klfs.*—*Cyathea laevigata*.

*marattioides*, *Willd. Hb.: Klfs. Enum.* 256.—Madagascar.

*Cyathea marattioides*, *Spreng. Syst.* 127; *Presl, Tent. Pter.* 55; *Hook. Sp. Fil.* i. 16; *Koe. Bot. Zeit.* ii. 279.

*marianna*, *Gaud.*—*Alsophila Henkei*.

*mascarena*, "Sw.": *Desv.*—*Cyathea canaliculata*.

[*Gen.* 42. *Sp.* 1106.]

*medullaris*, Sw. *Schrad. Journ.* 1800, ii. 94; *Id. Syn. Fil.* 104, 366.—Pacific Isles: Tahiti; Coral Islands; Aneiteum; New Guinea; New Zealand (*Stephenson* 87); Norfolk Island; ? Java.

*Cyathea medullaris*, Schkr. *Crypt.* 128, t. 133; *Willd. Sp. Pl.* v. 494; *Kfz. Enum.* 258; *Spreng. Syst.* 127; *Desv. Prod.* 322; *Presl, Tent. Pter.* 55; *Id. Die Gefassb.* 39, in note; *Endl. Prod. Norf.* 15; *J. Sm. Lond. Journ. Bot.* i. 663; *Hook. fil. Fl. New Zealand* ii. 7; *Ralph, Journ. Lin. Soc.* iii. 163, 164; *Fée, Gen. Fil.* 352; *Brack. U.S. Expl. Exped.* xvi. 281; *Hook. Sp. Fil.* i. 26; *Kze. Bot. Zeit.* ii. 284; ? *Lowe, Ferns* viii. t. 57.

*Cyathea extensa*, Schkr. *Crypt.* 127, t. 133, figs. a. b. c.—f. Hook. *Alsophila extensa*, *Desv. Prod.* 319.—f. Hook. (excl. syn. *Forst. et Sw.*) *Polypodium medullare*, *Forst. Prod.* n. 452.

*Sphaeropteris medullaris*, Bernh. *Schrad. Journ.* 1800, ii. 122, t. 1, fig. 1.

—*B. integra*, Hook. *Sp. Fil.* i. 27.—New Zealand.

—*γ. tripinnata*, Hook. *Sp. Fil.* i. 27.—Bonin; Coral Islands; Society Islands; Pitcairn's Island (*Matthews* 7; *Cuming* 1393); Java.

*Cyathea medullaris, γ. Hassk. Fil. Jac.* 29.

*Cyathea Mertensiana*, Bongard *MS.*: *Hb. Acad. Imp. Petrop.*

*Alsophila extensa*, Hook. et Arn. *Bot. Beech. Voy.* 78.

*melauncaula*, Desv.—*Cyathea canaliculata, β.*

*Mertensiana*, Bongard.—*Cyathea medullaris, γ.*

*mexicana*, Schlecht. *Lin.* v. 616.—Mexico (*Schaffn.* (1854) 237; *Galeotti* 6335, not 6334; *Jurgensen* 847; *Leibold* 50); Columbia.

*Cyathea mexicana*, Presl, *Tent. Pter.* 55, t. 1, fig. 8; *Id. Die Gefassb.* 39, in note; *M. et Gal. Foug. Mex.* 79; *Kze. Lin.* xviii. 349; *Hook. Sp. Fil.* i. 15; *Kze. Bot. Zeit.* ii. 279; *Fée, Gen. Fil.* 352; *Liebm. Mez. Bregu.* 135; *Reichardt, Gefassb.* ii. t. 1, fig. 10, 11.

*Cyathea denudans*, Kze. *Lin.* xviii. 349.—f. Liebm.

*Cyathea hexagona*, Schaffn. *MS.*: *Fée, Cat. lith. Foug. Mex.* 25; *Id. Iconogr. Nouv.* 111.

*mexicana*, Hook.— { *Cyathea Schanschin* (Hook.).  
                                  { *Cyathea aurea* (Kl.).

*microphylla*, Metten. *Fil. Lechl.* 23, t. 3, fig. 1-6; *Id. fasc.* 2, 32.—Peru (*Lechl.* 2569—f. spec. *Hb. Hook.*: 2160.—f. Mett.)

*Dicalpe microphylla*, Moore, *Synops.* c.

*minor*, Eaton, *Mem. Amer. Acad. Sc. n. ser.* viii. 215—Cuba (*Wright* 949)

*moluccana*, "R. Br.:" Desv.—*Cyathea Brunonis.*

*monosorata*, Willd. *Hb.*—*Amphicosmia capensis.*

*montana*, Roth.—*Cystopteris montana.*

*monticola*, Presl, *Die Gefassb.* 39, t. 7, fig. 12.—Brazil (? *Gardn.* 115.)

*Alsophila monticola*, Mart. *Icon. Crypt. Bras.* 75; *Hook. Sp. Fil.* i. 45; *Kze. Bot. Zeit.* ii. 329.

[*Gen.* 42. *Sp.* 1111.]

*Moricandiana*, Kze. *Fil. Bras.* ined.—Brasil (*Blanch et 3227*  
—Hb. Hook.)

*multiflora*, Sm.—*Amphicosmia multiflora*.

*munita*, Willd.—*Hemitelia munita*.

*muricata*, Willd. *Sp. Pl.* v. 497.—Martinique (*Sieb. Fl. Mart.*  
374.—f. spec. Hb. Acad. Edin. t. Fraser.)—Plum. t. 4?

*Cyathea muricata*, Poir. *Enc. Supp.* ii. 425; *Klfs. Enum.* 259?; *Spreng.*  
*Syst.* 127; *Presl, Tent. Pter.* 55; *J. Sm. Lond. Journ. Bot.* i. 663;  
*Hook. Sp. Fil.* i. 18; *Kze. Bot. Zeit.* ii. 280.

? *Alsophila muricata*, Desv. *Prod.* 319.

*Disphenia muricata*, Presl, *Die Gefassb.* 41.

*Hemitelia muricata*, Fée, *Gen. Fil.* 350.

(See also *Alsophila aspera*).

*muricata*, Sieb.—*Alsophila aspera*.

*nigrescens*, Kl.—*Alsophila Gardneri*.

*novæ-zelandiæ*, Colenso MS.—*Cyathea Smithii*.

*oinops*, Hassk. *Kew J. Bot.* iii. 322; *Id. Fl. Jav.* 23.—Java.

*oligocarpa*, Junghuhn, *Flora* 1847, 522.—Java.

*oligocarpa*, Kze.—*Cyathea Schanschin*.

*orientalis*, M.—Java (*Zoll.* 2538).

*Cyathea arborea*,  $\beta$ . *pallida*, Hassk. *Fil. Jav.* 15.

*Cyathea crenulata*, Zolling. *Sched. Hb.*

*Cyathea javanica*,  $\beta$ . *rigida*, Bl. *Enum.* 245.—f. Kze.; *Hook. Sp. Fil.* i. 26.

*Disphenia orientalis*, Kze. *Bot. Zeit.* vi. 283; *Id. Lin.* xxiii. 252.

*palaeacea*, Spreng. MS.—*Hemitelia obtusa*.

*patens*, Hort.—*Cyathea serra*.

*pauciflora*, Kze.—*Alsophila pauciflora*.

*percussa*, Cav.—*Polypodium cyathoides*.

*Pervilliana*, Fée, *Gen. Fil.* 352.—Madagascar, Bourbon.

*petiolata*, J. Sm.—*Cyathea integra*,  $\beta$ .

*phalerata*, Mart.—*Alsophila phalerata*.

*pinnata*, Roxb. Hb.—*Cyathea Brunonis*.

*polycarpa*, Junghuhn, *Flora* 1847, 522.—Java.

*polycarpa*,  $\alpha$ . Jungh.—*Cyathea spinulosa*,  $\beta$ .

*polypodioides*, Sw.—*Amphicosmia capensis*.

*polypodioides*, Hook. MS.—*Cyathea Brunonis*.

*pulcherrima*, Colenso MS.—*Cyathea Smithii*.

*regia*, Forst.—*Cystopteris regia*.

*regia*, Roth.—*Cystopteris fragilis*,  $\gamma$ .

*riparia*, Willd.—*Amphicosmia capensis*.

*robusta*, Bojer.—*Cyathea canaliculata*.

*Ruiziana*, Kl. *Lin.* xx. 439.—Peruvian Andes (*Ruiz Hb.* 72.)

*Rumphii*, Desv. *Prod.* 323.—India; Cochin China; Amboyna.

—*Rumph. Amb.* xii. t. 27 (*Desv.*)



- Cyathea Rumphii*, *Hook. Sp. Fil.* i. 28; *Kze. Bot. Zeit.* ii. 284.  
*Polypodium arboreum*, *Lour. Fl. Coch.* ii. 631.—f. Desv.; *Sw. Syn. Fil.* 67.
- Schanschin*, *Mart. Icon. Pl. Crypt.* 77, t. 54.—Brazil (*Gardn.* 5955; ? *Claussen* 257); Venezuela (*Fendl.* 52); Caraccas (*Lind.* 537, 392); New Grenada (*Lind.* 1022); Peru (*Lechl.* 2160); Carapi (*Matthews* 1828); Mexico (*Galotti* 6346, 6347—6345 f. *Fée*), Zacualtipan (*Hartw.* 412).
- Cyathea Schanschin*, *Presl, Tent. Pter.* 55; *Id. Die Gefassb.* 39, in note; *Hook. Sp. Fil.* i. 20; *Liebm. Mez. Bregm.* 136; *Kze. Bot. Zeit.* ii. 281; *Fée, Gen. Fil.* 352; *Metten. Fil. Lechl.* 23.
- Cyathea fulva*, *Fée, Cat. Uth. Foug. Mex.* 26.  
*Cyathea mexicana*, *Hook. Fl. Hartw.* 54.—f. *Hook.*  
*Cyathea mexicana affinis*, *M. et Gal. Foug. Mex.* 80.  
*Cyathea oligocarpa*, *Kze. Lin.* ix. 101; *Presl, Tent. Pter.* 55.  
*Cyathea badia*, *Kl. Hb.*  
*Cyathea pauciflora*, *Kze. ?*; *Kl. Hb. Reg. Berol.* (Brazil: *Sellow*).  
*Alsophila fulva*, *M. et Gal. Foug. Mex.* 78, t. 23 (sori inaccurate.—f. *Hook.*)  
*Alsophila Schanschin*, *Mart. Icon. Crypt.* t. 54 (err. script.)
- Schlechtendalii*, *Kze. Bot. Zeit.* iii. (1845) 288.—Caraccas (*Moritz* i. s. n.—*Hb. Schlech.*)
- Schottiana*, *Kze. Lin.* xxiii. 246.—Mexico.
- Sellowiana*, *Presl.*— { *Alsophila paleolata* (*Kl.*)  
                                   { *Amphicosmia setosa* (*Metten.*)
- serra*, *Willd. Sp. Pl.* v. 491.—W. Indies: Jamaica (*Wilson* 692; *Hartweg* 1589, scales white), St. Vincent, Portorico (*Wydler* 444), Cuba (*Wright* 891, 950), Trinidad, Guadeloupe (*L'Herm.* 2); Brazil (*Gardn.* 2990; *Claussen* 258, segm. blunt); Caraccas.
- Cyathea serra*, *Poir. Enc. Supp.* ii. 424; *Fée, Gen. Fil.* 352, 363; *Hook. Sp. Fil.* i. 17, t. 9 A; *Kze. Bot. Zeit.* ii. 280; *J. Sm. Cat. Ferns* 12.  
*Cyathea biconnata*, *Liebm. Mez. Bregm.* 137.  
*Hemitelia serra*, *Desv. Prod.* 321.
- serrata*, Swains.—*Cyathea dealbata*, *β.*
- sinuata*, *Hook. et Grev. Icon. Fil.* t. 106.—Ceylon (*Col. Perad.* 3052).
- Cyathea sinuata*, *Presl, Tent. Pter.* 55; *Id. Die Gefassb.* 39, in note; *Hook. Sp. Fil.* i. 15; *Kze. Bot. Zeit.* ii. 279.  
*Schizocæna sinuata*, *J. Sm. Lond. Journ. Bot.* i. 661; *Fée, Gen. Fil.* 354.
- Smithii*, *Hook. fl. Fl. New Zealand* ii. 8, t. 72.—N. Zealand.  
*Cyathea Smithii*, *Ralph, Journ. Lin. Soc.* iii. 164, 167.  
*Cyathea novæ-zelandiæ*, *Colenso, MS.*: *Hb. Hook.*  
*Cyathea formosa*, *Colenso MS.*: *Hb. Hook.*  
*Cyathea pulcherrima*, *Colenso MS.*: *Hb. Hook.*
- speciosa*, H. B.—*Hemitelia speciosa*.
- spinulosa*, *Wall. Cat.* 178.—Nepal; Khasya; Sikkim; Madras; Neilgherries; Ousima.

- Cyathea spinulosa*, Hook. *Sp. Fil.* i. 25, t. 12 C; *Kze. Bot. Zeit.* ii. 283; *Fée, Gen. Fil.* 352; *Hassk. Fil. Jac.* 19.  
*Alsophila spinulosa*, Hb. Hook.  
 — *β. muriculata*, Hassk. *Kew Journ. Bot.* vii. 322; *Id. Fil. Jac.*—Java.  
*Cyathea polycarpa*, *α. elongata*, Jungh. *Nat. et Gen. Arch. Bot.* ii. 40; *Id. Flora* 1847, 522.—*f. Hassk.*; *Id. Jac. Germ. ed.* i. 375, 476.  
*Sternbergii*, Pohl: Sternb.: Moricand.—*Cyathea arborea*, *β. superfusa*, Kze. MS.—*Cyathea Gardneri*.  
*tenera*, Hook. *Sp. Fil.* i. 49, in obs.—West Indies: St. Vincent; South Darien.  
*Alsophila tenera*, J. Sm. *Lond. Journ. Bot.* i. 666; *Id. Bot. Voy. Herald* i. 241; Hook. *Sp. Fil.* i. 49.  
*tenuis*, Fl. Wett.—*Cystopteris fragilis*, *γ. tomentosa*, Zoll. et Mor.—*Alsophila tomentosa*.  
*tripinnatifida*, Roxb. *Calc. Journ. Nat. Hist.* iv. 518.—Moluccas.  
*Cyathea tripinnatifida*, Wall. *Cat.* 7076.  
*Tussacii*, Desv.—*Cyathea arborea*.  
*urolepis*, Kze. MS.—*Amphicosmia urolepis*.  
*venulosa*, Wall.—*Alsophila glabra*.  
*vestita*, Spreng. Hb. Ber.—*Goniophlebium lepidopteris*.  
*vestita*, Mart.—*Cyathea Delgadii*.  
*villosa*, H. B.—*Alsophila villosa*.  
*villosa*, Presl.—*Alsophila axillaris*.  
*Walkeræ*, Hook.—*Amphicosmia Walkeræ*.  
*woodwardioides*, *Klfs. Enum.* 255 —? . . . . .  
*Cyathea woodwardioides*, Spreng. *Syst.* 127; Hook. *Sp. Fil.* i. 22; *Kze. Bot. Zeit.* ii. 282.

**Cyatheopsis**, Karsten, *Fl. Columb.* t. 2 (§) = CYATHEA.

**CYCLODIUM**, Presl, *Tent. Pter.* 85. [Synopsis p. lxxxiii.]

- abbreviatum, Presl, *Epim. Bot.* 260.—Brazil (*Mart.* 325; 326 —var. *pinnis minus incis*; *Gardn.* 1218, 5671; *Moricand* 225, 2208); B. Guiana (*Appun* 117); F. Guiana; Surinam (*Hostm.* 15); Jamaica.  
*Cyclodium abbreviatum*, Fée, *Gen. Fil.* 285.  
*Aspidium abbreviatum*, Schrad. *Goett. gel. Anz.* 1824, 869; *Kze. Flora* 1839, 35; *Id. Lin.* xxi. 232, in note; Fée, *Gen. Fil.* 292; Metten. *Aspid.* 33.  
*Nephrodium abbreviatum*, Fée, *Gen. Fil.* 306.  
*Polypodium colubrinum*, Arrab. *Fl. Flum.* xi. t. 71.  
*Polystichum abbreviatum*, Presl, *Epim. Bot.* 58; ? J. Sm. *Lond. Journ. Bot.* i. 199 (form. ven. lib.)  
*acrostichoides*, J. Sm.—*Nephrodium arbuscula*.

[Gen. 43. Sp. 1131.]

*confertum*, Presl.—Cyclodium meniscioides.

Cumingianum, M. [Synopsis lxxxiii].—Luzon (Cuming 239).

Anisocampium Cumingianum, Presl, *Epim. Bot.* 59.

Aspidium Otaria, Kze. *Hb.*: Metten. *Aspid.* 34.

Goniopteris aristata, Fée, *Gen. Fil.* 250, 253; *Id. Iconogr. Nouv.* 128.

(Indus. peltatum—f. Presl; ind. reniforme—f. Metten.)

*glandulosum*, Presl.—Nephrodium glandulosum.

heterodon, M.—Brasil.

Aspidium heterodon, Schrad. *Goett. gel. Ans.* 1824, 869; Kze. *Flora* 1839, i. beibl. 35; Metten. *Aspid.* 33.

Polystichum heterodon, Presl, *Epim. Bot.* 58.

meniscioides, Presl, *Tent. Pter.* 85, t. 2, fig. 20.—Brazil (*Gardn.* 2759; *Blanch.* 2519; *Spruce* 2775, 2776), Illinois, Para (*Spruce* 25, 26); Peru, Tarapota (*Spruce* 4689); B. Guiana (*Rob. Schomb.* 316, 459 in part; *Rich. Schomb.* 1617; *Appun* 166), Demerara; Cayenne; Surinam (*Kappl.* 1746 a); Trinidad.

Cyclodium meniscioides, Presl, *Epim. Bot.* 59; Fée, *Gen. Fil.* 285.

Cyclodium confertum, Presl, *Tent. Pter.* 85; *Id. Epim. Bot.* 59; Hook. *Gen. Fil.* t. 49 B; *J. Sm. Lond. Journ. Bot.* i. 199; *Id. Cat. Ferns* 53; Fée, *Gen. Fil.* 285.

Aspidium confertum, Ktze. *Enum.* 232; *Spr. Syst.* 96; Kze. *Lin.* ix. 90; xxi. 231 (excl. syn. Fée); Hook. *et Grev. Icon. Fil.* t. 121; Metten. *Fil. Lips.* 87; *Id. Aspid.* 32 (excl. syn. Fée).

Aspidium Hookeri, Ktze. *Lin.* xx. 364.

Aspidium meniscioides, Willd. *Sp. Pl.* v. 218; Poir. *Enc. Suppl.* iv. 507; Ktze. *Enum.* 231; *Spreng. Syst.* 100; Desv. *Prod.* 246; Kze. *Lin.* xxi. 231, in obs.; Metten. *Aspid.* 32; *Id. Fil. Lechl.* fasc. 2, 27.

Nephrodium confertum, *J. Sm. Hook. Journ. Bot.* iv. 188.

Nephrodium meniscioides, *J. Sm. Hook. Journ. Bot.* iv. 188.

Soromanes integrifolia, Fée, *Acrost.* 82, t. 42 (sterile frond).

serra, Ad. Brongn.—Lastrea serra.

Cycloglossum, Presl, *Hymen.* 32 (§)=HYMENOPHYLLUM.

Cyclopeltis, *J. Smith, Bot. Mag.* 1846, comp 36.

Presliana, *J. Sm.*—Polystichum Preslianum.

semicordata, *J. Sm.*—Polystichum semicordatum.

Cyclophorus, Desvauz, *Berl. Mag.* v. 300, t. 7, fig. 4; Presl, *Epim. Bot.* 129.

acrostichoides, Presl.—Niphobolus puberulus.

adnascens, Desv.—Niphobolus adnascens.

albicans, Presl.—Niphobolus albicans.

angustatus, Desv.—Niphobolus angustatus.

Blumeanus, Presl.—Niphobolus Blumeanus.

flocciger, Presl.—Niphobolus flocciger.

glaber, Desv.—Niphobolus puberulus.

- heterophyllus*, Desv.—Niphobolus heterophyllus.  
*Lingua*, Desv.—Niphobolus Lingua.  
*longifolius*, Desv.—Niphobolus longifolius.  
*? mollis*, Presl.—Niphobolus mollis.  
*? polycarpus*, Desv.—Pleopeltis polycarpa.  
*porosus*, Presl.—Niphobolus porosus.  
*? Schmidianus*, Presl.—Niphobolus porosus.  
*? Scolopendrium*, Desv.—Niphobolus ? Scolopendrium.  
*spissus*, Desv.—Niphobolus spissus.  
*stigmatosus*, Desv.—Niphobolus stigmatosus.  
*tricuspis*, Desv.—Niphobolus hastatus.  
*varius*, Gaud.—Niphobolus varius.  
*vittarioides*, Presl.—Niphobolus vittarioides.

**Cyclopteris**, Gray, *Nat. Arr. Brit. Pl.* 2.—CYSTOPTERIS.

**Cyclosorus**, Link, *Fil. Sp.* 98, 108.

*gongyloides*, Link.—Nephrodium unitum.

**Cyrtogonium**, J. Smith, *Hook. Journ. Bot.* iii. 402 ; iv. 154.

- acuminatum*, Brack.—Pœcilopteris sinuosa.  
*costatum*, J. Sm.—Pœcilopteris costata.  
*crispatum*, J. Sm.—Pœcilopteris crispata.  
*decurrens*, Lind. Cat. 1856.  
*diversifolium*, J. Sm.—Pœcilopteris heteroclita, γ.  
*flagelliferum*, J. Sm.—Pœcilopteris heteroclita.  
*laciniatum*, J. Sm.—Pœcilopteris Quoyana.  
*palustre*, Brack.—Pœcilopteris lonchophora.  
*punctulatum*, J. Sm.—Pœcilopteris punctulata.  
*repandum*, J. Sm.—Pœcilopteris repanda.  
*revulare*, Brack.—Neurocallis rivularis.  
*scandens*, J. Sm.—Neurocallis scandens.  
*serratifolium*, J. Sm.—Pœcilopteris serratifolia.  
*sinuosum*, J. Sm.— { Pœcilopteris sinuosa.  
                                   { Pœcilopteris cuspidata.  
*subrenatum*, J. Sm.—Pœcilopteris subrenata.  
*virens*, J. Sm.—Pœcilopteris virens.

**CYRTOMIUM**, Presl, *Tent. Pter.* 86. [Synopsis p. lxxxii].

*caducum*, M.—India : Nepal, Khasya, Assam, Bhotan, Sikkim  
 (*Hook. fl. et Th.* 280) ; S. America : Pichincha, Ecuador  
 (*Spruce* 5264, 5265.)

*Aspidium caducum*, Wall. Cat. 381 ; *Hook. et Grev. Icon. Fil.* t. 171 ;  
*Mett. Aspid.* 36.

*Lastrea Hookeriana*, Presl, *Tent. Pter.* 77.  
 (Veins partially anastomosed).

[Gen. 44. Sp. 136.]

*caryotideum*, Presl, *Tent. Pter.* 86, t. 2, fig. 26.—India: Nepal, Simla, Sikkim, Kumaon, Bhotan, Neilgherries; Sandwich Isles; South Africa: Kaffraria; Natal.

*Cyrtomium caryotideum*, Hook. *Gen. Fil.* 40 C; *J. Sm. Hook. Journ. Bot.* iv. 186; *Fée, Gen. Fil.* 286; *Brack. U.S. Expl. Exped.* xvi. 184; *Hook. Gard. Ferns* t. 13.

*Cyrtomium falcatum*, Pappe et Rawa. *Syn. Fil. Afr. Aust.* 15.

*Aspidium caryotideum*, Wall. *Cat.* 376; *Hook. et Grex. Icon. Fil.* t. 69; *Koe. Lin.* xxiv. 378; *Mett. Aspid.* 34.

—*β. anomophyllum*, M.—India: Neilgherries (*Schmid* 37, 81, 117, 154, 168; *Weigle* 33; *Hohen.* 912, 913).

*Aspidium anomophyllum*, Zentker, *Pl. Ind.* i. t. 1; *Koe. Lin.* xxiv. 277; *Mett. Aspid.* 34.

*falcatum*, Presl, *Tent. Pter.* 86.—Japan: Nangasaki; Amakurima; Bonin Isles: Peel Island; Loo-choo Islands; Bonin Sima; China: Woosung (entire and serrated), Shanghai, Hong Kong.—*Pluk.* t. 405, fig. 1.

*Cyrtomium falcatum*, Link. *Fil. Sp.* 164; *J. Sm. Hook. Journ. Bot.* iv. 186; *Id. Cat. Ferns* 53; *Moore et H. Gard. Mag. Bot.* iii. 292, fig. 67; *Fée, Gen. Fil.* 286.

*Aspidium falcatum*, Sw. *Schrad. Journ.* 1800, ii. 31; *Id. Syn. Fil.* 43; *Willd. Sp. Pl.* v. 218; *Langsd. et Fisch. Icon. Fil.* 13, t. 15; *Desv. Prod.* 246; *Spreng. Syst.* 100; *Hook. et Arn. Beech. Voy.* 274; *Koe. Bot. Zeit.* vi. 658; *Id. Lin.* xxiii. 226; *Mett. Fil. Lips.* 87; *Id. Aspid.* 34; *Lowe, Ferns* vi. t. 9; *Hook. Fil. Exot.* i. t. 92.

*Polypodium falcatum*, Lin. *fl. Supp.* 446; *Thunb. Fl. Jap.* 336, t. 36; *Poir. Enc. Bot.* v. 527.

*Polypodium japonicum*, Houtt. *Fl. Syst.* xiii. 187, t. 98, fig. 3.

*falcatum*, Pappe et Rawa.—*Cyrtomium caryotideum*.

*juglandifolium*, M. [Synopsis lxxxiii.]—America merid.: Columbia, Caraccas (*Lind.* 164; *Miquel* 20; *Otto* 644; *Moritz* 190), Venezuela (*Fendl.* 233; *Funck* 211), New Grenada; Mexico (*Galeotti* 6282; *Schaffn.* (1854) 206; (1856) 339, 461).

? *Amblyia juglandifolia*, Presl, *Tent. Pter.* 185, t. 7, fig. 22 (indus. pro-laps.); *Fée, Gen. Fil.* 248, t. 22 B, fig. 1.

*Aspidium juglandifolium*, Koe. *MS.*: *Kl. Lin.* xx. 363; *Mett. Fil. Lips.* 87, t. 22, fig. 6-7, 7 b; *Id. Aspid.* 35.

*Phanerophlebia juglandifolia*, *J. Sm. Hook. Journ. Bot.* iv. 187.

*Polypodium juglandifolium*, H.B.: *Willd. Sp. Pl.* v. 196; *H.B.K. Nov. Gen.* i. 10; vii. t. 665; *Poir. Enc. Supp.* iv. 498; *Desv. Prod.* 238; *Spreng. Syst.* 56; *M. et Gal. Foug. Mex.* 40.

—*β. latifolium*, M.—New Grenada (*Schlim* 656).

*Amblyia latifolia*, *Fée, Iconogr. Nouv.* 101, 133.

*nobile*, M. [Synopsis lxxxiii.]—Mexico (*Moricand* 580; *Galeotti* 6251; *Ehrenb.* 868; *Schaffn.* (1854) 277).

*Aspidium nobile*, *Schlecht. Lin.* v. 610; *Koe. Lin.* xiii. 146; xviii. 344; *Schkr. Supp.* i. 155, t. 67; *Kl. Lin.* xx. 364; *Mett. Fil. Lips.* 87; *Id. Aspid.* 37.

*Aspidium pumilum*, M. et Gal. *Foug. Mex.* 64, t. 17, fig. 1 (young.)

June, 1861.

*Phanerophlebia nobilis*, Presl, *Tent. Pter.* 85, t. 2, fig. 19; *J. Sm. Hook. Journ. Bot.* iv. 187; *Hook. Gen. Fil.* t. 49 A; *Fée, Gen. Fil.* 282, t. 23 B, fig. 2; *Id. Iconogr. Nouv.* 132, *Lieb. Mez. Breg.* 124.  
*Phanerophlebia pumila*, *Fée, Gen. Fil.* 282 (*Galeotti* 6251—small.)  
 (Veins partially anastomosed).

**Cyrtophlebia**, *R. Brown, Pl. Jav. Rat.* 4 (§); *J. Sm. Hook. Journ. Bot.* iii. 58.

*angustifolium*, *J. Sm.*—*Campyloneurum angustifolium*.  
*costatum*, *J. Sm.*—*Campyloneurum costatum*.  
*decurrens*, *J. Sm.*—*Campyloneurum decurrens*.  
*difforme*, *Lodd. Cat.*—*Campyloneurum difforme*.  
*nitidum*, *J. Sm.*—*Campyloneurum nitidum*.  
*nitidum*, *Brack.*—*Campyloneurum Phyllitidis*.  
*Phyllitidis*, *J. Sm.*—*Campyloneurum Phyllitidis*.  
*repens*, *Brack.*—*Campyloneurum fasciale*.  
*repens*, *J. Sm.*—*Campyloneurum repens*.

**Cystea**, *Smith, Engl. Fl.* iv. 260, 284.

*alpina*, *Sm.*—*Cystopteris regia*.  
*angustata*, *Sm.*—*Cystopteris fragilis*, γ.  
*dentata*, *Sm.*—*Cystopteris fragilis*, δ.  
*fragilis*, *Sm.*—*Cystopteris fragilis*.  
*regia*, *Sm.*— { *Cystopteris regia*.  
                   *Cystopteris fragilis*.

**Cystidium**, *J. Smith, Hb. et Sched. Hb. Ind. Or.*

*obliquatum*, *J. Sm. MS.*—*Polypodium obliquatum*.

**Cystodium**, *J. Smith, Hook. Gen. Fil.* t. 96; *Id. Lond. Journ. Bot.* i. 101.

*sorbifolium*, *J. Sm.*—*Dicksonia sorbifolia*.

**CYSTOPTERIS**, *Bernhardi, Schrader neues Journ. Bot.* (1806) i. part ii. 5, 26, t. 2, fig. 9 [Synopsis p. xc.]

*abyssinica*, *Fée.*—*Cystopteris fragilis*.  
*acuta*, *Fée.*—*Cystopteris fragilis*, θ.  
*affinis*, *Fée.*—*Acrophorus affinis*.  
*albescens*, *Link.*—*Woodsia obtusa*.  
*Allioni*, *Newm.*—*Cystopteris montana*.  
*alpina*, *Desv.*—*Cystopteris regia*.  
*aspidioides*, *Presl.*—*Microlepia aspidioides*.  
*atomaria*, *Presl.*—*Cystopteris bulbifera*.

*atrovirens*, *Presl, Epim. Bot.* 66.—? . . . . .

*Cystopteris atrovirens*, *Presl, Tent. Pter.* 93; *Hook. Sp. Fil.* 102;  
*Xcc. Bot. Zeit.* viii. 278.

[Gen. 45. Sp. 1140.]

*atrovirescens*, Presl.—*Cystopteris atrovirens*.

*azorica*, Fée.—*Cystopteris fragilis*,  $\eta$ .

? *brasiliiana*, Presl, *Tent. Pter.* 93.—Brazil.

*Cystopteris brasiliiana*, Hook. *Sp. Fil.* i. 102.

*Aspidium brasiliannum*, "Presl." *Spreng. Syst.* 109.

*brevinervis*, Fée.—*Lastrea crystallina*.

*bulbifera*, Bernh. Schrad. *neues Journ. Bot.* (1806) i. part ii.

10, 26.—N. America: Canada; United States; North Carolina.—Petiv. *Gaz.* t. 111, fig. 2.

*Cystopteris bulbifera*, Desv. *Prod.* 284; Presl, *Tent. Pter.* 93; Schott, *Gen. Fil.* (sub. t. 8); A. Gray, *Bot. North. U. States* 598, t. 12; Link, *Fil. Sp.* 45; J. Sm. Hook. *Journ. Bot.* iv. 192; Hook. *Sp. Fil.* i. 199; Fée, *Gen. Fil.* 299; Kze. *Lin.* xxiii. 247; *Id. Bot. Zeit.* viii. 276; Metten. *Fil. Lips.* 96; Lowe, *Ferns* vii. t. 38.

*Cystopteris atomaria*, Presl, *Tent. Pter.* 93; J. Sm. Hook. *Journ. Bot.* iv. 192; Kze. *Bot. Zeit.* viii. 278.

*Aspidium atomarium*, Muhl. *MS.*: Willd. *Sp. Pl.* v. 279.—f. A. Gray; Poir. *Enc. Supp.* iv. 519.

*Aspidium bulbiferum*, Sw. Schrad. *Journ.* 1900, ii. 41; *Id. Syn. Fil.* 59; Willd. *Sp. Pl.* v. 275; Schkr. *Crypt.* 55, t. 57; Spreng. *Syst.* 107.

*Athyrium atomarium*, Presl, *Rel. Hænk.* i. 40.

*Nephrodium bulbiferum*, Mich. *Fl. Bor. Am.* ii. 268.

*Polypodium bulbiferum*, Lin. *Sp. Pl.* 1553; Poir. *Enc. Bot.* v. 536.

*canariensis*, Presl.—? *Cystopteris fragilis*,  $\zeta$ .

*caucasica*, Fée.—*Woodsia fragilis*.

*chilensis*, Fée.—*Cystopteris fragilis*,  $\delta$ .

*comosa*, Presl.—*Alsophila comosa*.

*crenata*, Fries.—*Athyrium crenatum*.

*Dalhousiana*, Fée, *Iconogr. Nouv.* 18.—Ceylon.

(An *Acrophorus* sp.)

*davallioides*, Kze. *MS.*—*Acrophorus pseudo-cystopteris*.

*dentata*, Desv.: Hook.—*Cystopteris fragilis*,  $\delta$ .

*Dickieana*, Sim.—*Cystopteris fragilis*,  $\epsilon$ .

*dimidiata*; Dcne.—*Acrophorus immersus*.

*Douglasii*, Hook. *Sp. Fil.* i. 200; *Id. Icon. Pl.* t. 955.—Sandwich Isles (*Dougl.* 51).

*Cystopteris Douglasii*, Kze. *Bot. Zeit.* viii. 277; Brack. *U. S. Expl. Exped.* xvi. 232.

? *elata*, Desv.—*Lastrea Boryana*.

*emarginata*, Hook.—*Cystopteris emarginulata*.

*emarginulata*, Presl, *Tent. Pter.* 93; *Id. Epim. Bot.* 65—Brazil.

*Cystopteris emarginata*, Hook. *Sp. Fil.* i. 201; Kze. *Bot. Zeit.* viii. 278.

*fragilis*, Bernh. Schrad. *neues Journ. Bot.* i. part ii. 26, 49, t. 2, fig. 9.—Great Britain, Ireland; Iceland, Lapland, Nor-

way, Sweden, Russia, Denmark, Holland, Belgium, Germany, Switzerland, France, Spain, Portugal, Italy, Dalmatia, Croatia, Hungary, Transylvania, Greece, Turkey, Crimea; Caucasus; Ural, et Altai Mountains; Siberia, Davuria, Soongaria (*Karelin et Kirilof* 544), Manchuria; Kamtschatka, Unalaschka; Asia Minor; Persia (*Kotschy* 172, 679, 794); Koordistan; India: Afghanistan, Kashmir, Kunawar (*Jacquem.* 1189, 1892, 1887), Simla, Nepal, Himalaya; Thibet; Abyssinia (*Schimp.* 1237); S. Africa; N. Africa; Madeira, Teneriffe, Canaries, Azores; N. America to the Polar Sea: Greenland, Disco Island, Labrador, Kotzebue's Sound, Canada, United States; California; Mexico; Guatemala; Columbia; Quito; Bolivia; Andes of Peru; West Indies: Jamaica, Cuba, Bahamas; New Grenada; Chili: Mendoza; Port Famine, Magelhaen's Straits; Tasmania; New Zealand.

*Cystopteris fragilis*, *Fries, Sum. Veg.* 82; *Desv. Prod.* 263; *Schott. Gen. Fil.* (t. 8); *Presl, Tent. Pter.* 93, t. 3, fig. 1; *Hook. Gen. Fil.* t. 52 B; *Id. Sp. Fil.* i. 197; *Ledeb. Fl. Ross.* iv. 516; *Link. Fil. Sp.* 46; *J. Sm. Hook. Journ. Bot.* iv. 192; *Koch, Syn. ed.* 2. 980; *Lieb. Mec. Bregm.* 126; *Ksc. Lin.* xxiii. 247; *Id. Bot. Zeit.* viii. 265; *Fée, Gen. Fil.* 299; *Guy, Chil.* vi. 519; *Brack. U. S. Expl. Exped.* xvi. 233; *Newm. Hist. Brit. Ferns* 3 ed. 87; *Moore, Handbook Brit. Ferns*, 3 ed. 233; *Id. Ferns of Great Brit. Nature Printed* t. 46 A, fig. 1; *Id. octavo ed.* ii. 254, t. 101; *Sowerby, Ferns of Great Brit.* 36, t. 19; *Mettien. Fil. Lips.* 97; *A. Gray, Bot. N. United St.* 596; *Sturm, Enum. Crypt. Chil.* 35; *Pappe et Racc. Syn. Fil. Afr. Aust.* 16; *Low, Ferns* vii. t. 31; *Hook. Gard. Ferns*, t. 23.

*Cystopteris abyssinica*, *Fée, Gen. Fil.* 300.

*Cystopteris orientalis*, *Desv. Prod.* 264.—f. Hook.

*Cystopteris viridula*, *Desv. Prod.* 264.

*Aspidium diaphanum*, *Bory, Hb. Desf.*—f. Webb.

*Aspidium fragile*, *Sw. Schrad. Journ. Bot.* 1800, ii. 40; *Id. Syn. Fil.* 69; *Willd. Sp. Pl.* v. 280; *Schler. Crypt.* 63, tt. 54, 55, 56; *Ktze. Enum.* 242; *Spreng. Syst.* 107; *Ledeb. Fl. Alt.* iv. 329; *Nyman, Syl. Fl. Europ.* 432; *Sturm, Fl. (Farrn.)* t. 4.

*Aspidium nepalense*, *Edgeworth MS.: Hb. Hook.*

*Aspidium tridum*, *Sw. Schrad. Journ.* 1800, ii. 41 (excl. syn. Smith).

*Aspidium viridulum*, *Desv. Berl. Mag.* v. 321.—f. Webb.

*Asplenium fragillimum*, *Jacq. MS.: Hb. Mus. Par.*

*Athyrium fragile*, *Sadl. Adumb. Epiphyll. Hung.* 22; *Mart. Fl. Moes.* 185; *Strempel, Fil. Berol.* 34.

*Cyathea anthriscifolia*, *Roth, Fl. Germ.* iii. 98.

*Cyathea cynapifolia*, *Roth, Fl. Germ.* iii. 98.

*Cyathea fragilis*, *Sm. Act. Taur.* v. 417; *Id. Fl. Brit.* iii. 1139; *Id. Eng. Bot.* xxiii. t. 1587.

*Cyclopteris fragilis*, *Gray, Nat. Arr. Brit. Pl.* ii. 9.

*Cystea fragilis*, *Sm. Eng. Fl.* iv. 235.

*Cystea regia*, *Sm. Eng. Fl.* iv. 239, in part.

*Nephrodium polymorphum*, *Opis.*

*Polypodium album*, a. *Lam. Fl. Franc.* i. 21.

*Polypodium anthriscifolium*, *Hoffm. Deutschl. Fl.* ii. 9; *Id. Ram. et*

*Ust. Bot. Mag.* ix. 11, fig. 14 c, e.

*Polypodium cynapifolium*, *Hoffm. Deutschl. Fl.* ii. 9.

*Polypodium fragile*, *Lin. Sp. Pl.* 1553, *Bolt. Fil. Brit.* 50, t. 27, bad; *Fl.*

*Dan.* iii. t. 401; *Potr. Enc. Bot.* v. 539 (excl. B.)

[*Gen.* 45, *Sp.* 1146.]



- Polypodium fumarioides*, *v. lobatum*, *Weis*, *Pl. Crypt.* 319; *Hoffm. Deutschl. Fl.* ii. 9.
- Polypodium polymorphum* (B) *lacinatum*, et (D) *fragile*, *Vill. Hist. Pl. Dauph.* iii. 847, t. 63, figs. B, D.
- Polypodium trifidum*, *Withering*, *Arr. Brit. Pl.* iii. 779.
- β. translucens*, *M.*—Mexico (*Galeotti* 6259—6239 (*Hook.*), 6829 (*Kze.*); *Leibold* 38, 44; *Lind.* 45; *Schaffn.* (1854) 172 *a, b, c, d, e*; (1856) 472, 496); New Mexico; Guatemala (*Friedrichstih.* 1296); Peru (*Mathews* 601); Ecuador (*Spruce* 5291); Quito; Columbia (*Hartweg* 1526; *Moritz* 357); Venezuela; *Funck et Schlim* 841; *Schlim* 876); Trinidad; St. Vincent.
- Cystopteris fragilis*, *v. mexicana*, *Fée, Gen. Fil.* 290.
- Cystopteris fragilis*, *v. nigrescens*, *Hook. Sp. Fil.* i. 196.
- Cystopteris fumarioides*, *Auct.* not of *Preal.*—*f. Hook.*; *El. Lin.* xx. 362.
- Cystopteris fumarioides*, *β. Kze. Lin.* xviii. 848.
- Cystopteris mexicana*, *Fée, Gen. Fil.* 300.
- Cystopteris translucens*, *Desv. Prod.* 264.
- Aspidium fragile*, *v. fumarioides*, *M. et Gal. Foug. Mex.* 67.
- γ. angustata*, *Link. Fil. Sp.* 46 (excl. syn. *Lin.* etc.)—Scotland; Germany; Italy.
- Cystopteris fragilis*, *v. angustata*, *Moore, Ferns of Gt. Brit. Nat. Printed*, under t. 46 A; *Id.* Octavo ed. ii. 255, t. 102 C; *Sowerby, Ferns of Gt. Brit.* 37, t. 20.
- Cystopteris fragilis*, *β. tripinnata*, *Rupr. Dist. Crypt. Ross.* 40.
- Cystopteris dentata*, *β. Hook. Brit. Fl.* ed. i. 445.
- Cystopteris rhenetica*, *Link. Hort. Ber.* ii. 131; *Fée, Gen. Fil.* 299 (excl. syn.)
- Cyathes fragilis*, *β.* (excl. syn. *Ray et Pluk.*), et *γ. Sm. Fl. Brit.* iii. 1139;
- Cyathes regia*, *Roth, Fl. Germ.* iii. 96 (excl. syn. *Lin.* ?)
- Cyathes tenuis*, *Fl. Wett.*
- Cyclopteris fragilis*, *β. rhenetica*, *Gray, Nat. Arr. Brit. Pl.* ii. 10.
- Cystea angustata*, *Sm. Eng. Fl.* 2. ed. iv. 288 (excl. syn. *Aspidium rheneticum*.)
- Aspidium fragile*, *β. Willd. Sp. Pl.* v. 281 (excl. syn. *Ray et Pluk.*)
- Aspidium rheneticum*, *Willd. Sp. Pl.* v. 290 (excl. syn.)
- Athyrium rheneticum*, *Sadl. Ephyll. Hung.* 22.
- Polypodium fragile angustatum*, *Hoffm. Bot. Mag.* ix. 11, fig. 14 d.
- Polypodium fumarioides*, *β. lacinatum*, *Weis, Pl. Crypt.* 321.
- Polypodium polymorphum* (A) *rheneticum*, *Vill. Hist. Pl. Dauph.* iii. 846, t. 63, fig. A.
- Polypodium rheneticum*, *Dickson, Hort. Soc. fasc.* i. 17; *Bolt. Fil. Brit.* 80, t. 46; *Poir. Enc. Bot.* v. 538.
- Polypodium tenue*, *Hoffm. Deutschl. Fl.* ii. 9 (*Bot. Mag.* fig. 14 d).
- δ. dentata*, *Hook. Sp. Fil.* i. 198 in part.—Great Britain; Iceland; Greenland; Italy; Illyria; and other parts of Europe; North African Isles: Madeira, Canaries, Azores; S. Africa; Thibet; Cashmere; Punjab (*Jacquem.* 604); S. America: Peru; ? Quito (? *Jameson* 84); Mendoza; Chili (*Pöpp.* i. 265, iii. 263; *Cuming* 491; *Bridges* 551); W. Indies: Jamaica, Cuba; New Zealand.
- Cystopteris fragilis*, *v. dentata*, *Moore, Ferns of Gt. Brit. Nat. Printed*, t. 46 A, fig. 4; *Id.* Octavo ed. ii. 255 t. 102 A; *Lowe, Ferns* vii. t. 32.

- Cystopteris fragilis*, Kze. *Lin.* ix. 97.—f. Hook.; *Id. Lin.* x. 551.  
*Cystopteris fragilis*, v. chilensis, Fée, *Gen. Fil.* 299.  
*Cystopteris chilensis*, Fée, *Gen. Fil.* 300.  
*Cystopteris dentata*, Desv. *Prod.* 263; Hook. *Brit. Fl.* 1 ed. 445; Link, *Fil. Sp.* 45; Fée, *Gen. Fil.* 299; Sowerby, *Ferns of Great Brit.* 38, t. 21; J. Sm. Hook. *Journ. Bot.* iv. 192.  
*Cystopteris fumarioides*, Kze. *Lin.* ix. 97; Schott, *Gen. Fil.* (sub. t. 8); J. Sm. Hook. *Journ. Bot.* iv. 192; Hook. *Bot. Misc.* ii. 240; Liebm. *Mex. Bregm.* 128; Fée, *Gen. Fil.* 299; Sturm, *Enum. Crypt. Chil.* 35.  
*Cystopteris jamaicensis*, Desv. *Prod.* 263.  
*Cystopteris Pontederæ*, Link, *Fil. Sp.* 45, in obs. (Italy).  
*Cystopteris retusa*, Dens. Jacquem. *Voy.* 176, t. 177.  
*Aspidium colobodon*, Kze. "Coll. Pl. Chil. i. n. 265."—f. Kze.  
*Aspidium dentatum*, Sw. *Syn. Fil.* 59; Willd. *Sp. Pl.* v. 273; Spreng. *Syst.* 104.  
*Aspidium Pontederæ*, Willd. *Sp. Pl.* 273.—f. Sadl. Hook.; Poir. *Enc. Supp.* iv. 578; Nyman, *Syll. Europ.* 432.  
*Athyrium dentatum*, Gray, *Nat. Arr. Brit. Pl.* ii. 11.  
*Athyrium fumarioides*, Presl, *Rel. Hank.* i. 39, t. 6, fig. 2.  
*Athyrium Pontederæ*, Desv. *Prod.* 266.  
*Cyathes dentata*, Sm. *Fl. Brit.* iii. 1141; *Id. Eng. Bot.* xxiii. t. 1698.  
*Cyathes fragilis*, Roth, *Fl. Germ.* iii. 94.  
*Cyclopteris dentata*, Gray, *Nat. Arr. Brit. Pl.* in corrigenda.  
*Cystea dentata*, Sm. *Eng. Fl.* iv. 287.  
*Davallia humilis*, Hook. *Sp. Fil.* 185.—f. Sturm.  
*Dicksonia humilis*, Willd. *Hb.* 20164.—f. Sturm.  
*Microlepia humilis*, Presl, *Tent. Pter.* 125.—f. Sturm.  
*Polypodium dentatum*, Dick. *Pl. Crypt. fasc.* iii. 1, t. 7, fig. 1.  
*Polypodium Pontederæ*, Allioni, *Fl. Pedem.* ii. 296; Sw. *Syn. Fil.* 69; (Seg. Pl. Veron. *Supp.* t. 1, fig. 2).  
*Polypodium tenerrimum*, Poir. *Enc. Bot.* v. 536; Sw. *Syn. Fil.* 69.
- e. *Dickieana*, M.—Scotland.
- Cystopteris fragilis*, v. *Dickieana*, Moore, *Hand. Brit. Ferns.* i. ed. 81; 2 ed. 73; 3 ed. 234; *Id. Bot. Gaz.* i. 310; *Id. Ferns of Gt. Brit. Nat. Printed*, t. 46 A, fig. 5, 6; *Id. Octavo* ed. ii. 256 t. 102 B; Hook. et Arn. *Brit. Fl.* 7 ed. 587; Hook. *Gard. Ferns*, t. 23, figs. 4, 5.  
*Cystopteris Dickieana*, Sim, *Gard. Journ.* 1848, 308; Newm. *Phytol.* 1841, App. xxvi.; *Id. Hist. Brit. Ferns* 3 ed. 93; Moore et Houlet. *Gard. Mag. Bot.* iii. 315, with plate; Lowe, *Ferns* vii. t. 33.  
*Cystopteris dentata*, v. *Dickieana*, Bab. *Man. Brit. Bot.* 3 ed. 412; Sowerby, *Ferns of Great Brit.* 39, t. 22.
- f. *sempervirens*, Moore, *Ferns of Great Brit. Nat. Printed*, t. 46 A, fig. 2, 3; *Id. Octavo* ed. ii. 267.—Madeira, Azores, Canaries, Teneriffe (*Bourg.* 226); Malaga; ? Great Britain.
- Cystopteris sempervirens*, Moore, *Ferns of Great Brit.* t. 46, in note; *Id. Oct.* ed. ii. 268, in note.  
? *Cystopteris canariensis*, Presl, *Tent. Pter.* 93.  
? *Aspidium canariense*, Willd. *Hb.* 19815.
- g. *azorica*, Fée, *Gen. Fil.* 299.—Azores.
- Cystopteris azorica*, Fée, *Gen. Fil.* 300.
- h. *platychlæna*, M.—Mexico (*Galeotti* 6260).
- Cystopteris acuta*, Fée, *Gen. Fil.* 299, 300.  
*Aspidium fragile*, M. et Gal. *Foug. Mex.* 67.

—deltoidea, *Shuttleworth: Godet, Fl. Jura* 856.—Jura Mountains.

*fragilis*, Kze.—*Cystopteris fragilis*,  $\delta$ .

*fragilis*, M. et Gal. (in part).—*Asplenium macrochlena*.

*fragilis*, v. *abyssinica*, Fée.—*Cystopteris fragilis*.

*fragilis*, v. *azorica*, Fée.—*Cystopteris fragilis*,  $\eta$ .

*fragilis*, v. *chilensis*, Fée.—*Cystopteris fragilis*,  $\delta$ .

*fragilis*, v. *dentata*, Hook. (in part).—*Cystopteris tenuis*.

*fragilis*, v. *mexicana*, Fée.—*Cystopteris fragilis*,  $\beta$ .

*fragilis*, v. *nigrescens*, Hook.—*Cystopteris fragilis*,  $\beta$ .

*fragilis*,  $\beta$ . *tripinnata*, Rupr.—*Cystopteris fragilis*,  $\gamma$ .

*fumarioides*, Kze.—*Cystopteris fragilis*,  $\delta$ .

*fumarioides*,  $\beta$ . Kze.—*Cystopteris fragilis*,  $\beta$ .

*fumarioides*, Auct.—*Cystopteris fragilis*,  $\beta$ .

*gigantea*, Presl.—*Acrophorus nodosus*.

*hirta*, Kl.—*Lastrea hirta*.

*jamaicensis*, Desv.—*Cystopteris fragilis*,  $\delta$ .

*javensis*, Desv.—*Acrophorus* ? *javensis*.

*leptophylla*, Presl.—*Adiantopsis incisa*.

*mexicana*, Fée.—*Cystopteris fragilis*,  $\beta$ .

*montana*, Bernh. *Schrad. neues Journ.* 1806, i. part ii. 26.—

Scotland; Lapland; Sweden; Norway; Denmark:

France; Belgium; Switzerland; Germany; Spain;

Italy; Hungary; Kamschatka; Ajan (*Tiling* 35 B);

North West America.

*Cystopteris montana*, Link, *Hort. Berol.* ii. 231; *Id. Fl. Sp.* 47;

*Desv. Prod.* 264; *Presl. Tent. Pter.* 93; *Hook. Sp. Fl.* i. 200;

*Newm. Hist. Brit. Ferns* 3 ed. 169; *Moore, Handb. Brit. Ferns*

3 ed. 244; *Id. Ferns of Great Brit. Nat. Printed*, t. 46 C; *Id. Oct.*

ed. ii. 273, t. 104; *Sowerby, Ferns of Great Brit.* 41, t. 24; *Fée, Gen.*

*Fl.* 269; *Koch, Syn.* 3 ed. 981; *Fries, Sum. Veg.* 82; *Kze. Lin.*

xxiii. 247; *Id. Bot. Zeit.* viii. 277; *Ledeb. Fl. Ross.* iv. 517; *Lowe,*

*Ferns* vii. t. 34.

*Cystopteris Allioni*, *Newm. Phytol.* 1851, app. xxv.

*Cystopteris myrrhidifolia*, *Newm. Hist. Brit. Ferns*, 3 ed. 97.

*Aspidium montanum*, Sw. *Schrad. Journ.* 1800, ii. 42; *Id. Syn. Fl.* 61;

*Schltr. Crypt.* 61, t. 63; *Willd. Sp. Pl.* v. 286; *Spreng. Syst.* 109;

*Sadl. Fl.* 43; *Fl. Dan.* xiii. t. 22.0 (Pritz.); *Nyman. Syll. Europ.*

431.

*Athyrium montanum*, *Esch. f. Stendel.*

*Gyathes montana*, Sm. *Act. Taur.* v. 417; *Roth, Fl. Germ.* iii. 100.

*Polypodium montanum*, Lam. *Fl. Franc.* i. 23 (1778); *Allioni, Fl.*

*Pedem.* ii. 287 (1785); *Hank. Jacq. Coll.* ii. 46; *Svensk Bot.* t. 686;

*Poir. Enc. Bot.* v. 539 (excl. A.)

*Polypodium myrrhidifolium*, *Villars, Fl. Delph.* 114 (1785); *Id. Hist.*

*Pl. Dauph.* i. 292 (1786); iii. 851, t. 53 (1789).

*myrrhidifolia*, *Newm.*—*Cystopteris montana*.

*odorata*, Desv.—*Lastrea hirsuta*.

*obovata*, Presl.—*Asplenium obovatum*,

*obtusum*, Presl.—*Woodsia obtusa*.

*orientalis*, Desv.—*Cystopteris fragilis*.

*Perriniana*, Link.—*Woodsia obtusa*.

*Pontedera*, Link.—*Cystopteris fragilis*,  $\delta$ .

*regia*, Desv. *Prod.* 264.—Alps of Switzerland, Carinthia, Styria, and other parts of Europe; Sweden; Belgium; France; Spain; Italy; Dalmatia; Croatia; Hungary; Transylvania; Greece: Mount Taygetus; Morea; Chalcis: Mount Athos; Asia Minor: Mount Taurus; England: Low Leyton, ? Derbyshire, ? Yorkshire; ? Minto Inlet, Polar Sea.

*Cystopteris regia*, Presl, *Tent. Pter.* 93; Kze. *Lin.* xxiii. 247; Moore, *Handb. Brit. Ferns* 3 ed. 242; *Id. Ferns of Great Brit. Nat. Printed*, t. 46 B; *Id.* Octavo ed. ii. 269, t. 103; Fée, *Gen. Fil.* 299; Lowe, *Ferns* vii. t. 30.

*Cystopteris regia*,  $\beta$ . alpina, Koch, *Syn.* 2 ed. 990.

*Cystopteris alpina*, Desv. *Prod.* 264; Link, *Hort. Ber.* ii. 130; *Id. Fl. Sp.* 46 (incl.  $\gamma$ . regia); Hook. *Brit. Fl.* 446; *Id. Sp. Fil.* i. 199; *Id. Gard. Ferns*. t. 24; J. Sm. *Hook. Journ. Bot.* iv. 192; Moore, *Handb. Brit. Ferns*, 2 ed. 78; Sowerby, *Ferns of Great Brit.* 40, t. 23; Metten, *Fil. Lips.* 97; Kze. *Bot. Zeit.* viii. 278.

*Aspidium alpinum*, Sw. Schrad. *Journ. Bot.* 1800, ii. 42; *Id. Syn. Fil.* 60; Schkr. *Crypt.* 60, tt. 62, 62 b; Willd. *Sp. Pl.* v. 282; Spreng. *Syst.* 109; Sadt. *Fil.* 42; Sturm, *Fl.* (Farrn) t. 6.

*Aspidium regium*, Sw. Schrad. *Journ. Bot.* 1800, ii. 41; *Id. Syn. Fil.* 59; Willd. *Sp. Pl.* v. 281; Spreng. *Syst.* 107; Nyman, *Syll. Fl. Europ.* 432.

*Aspidium taygetense*, Bory<sup>et</sup> Chaub. *Fl. Pelop.* 288, in part; (Bory, *Exped. Mor.* 288.—f. Nyman).

? *Asplenium alpinum*, Poir. *Enc. Supp.* ii. 516, in obs.—f. Klfs.

*Athyrium alpinum*, R&M.—f. Steud; Spreng. *Crypt.* 143.

*Athyrium regium*, Spreng. *Anleit.* iii. (1804) 139; Gray, *Nat. Arr. Brit. Pl.* ii. 11 (excl. syn. Withering).

*Cyathea alpina*, Sm. *Mém. Acad. Turin.* v. 417, in obs.; Roth, *Fl. Germ.* iii. 99.

*Cyathea crispa*, Roth?

*Cyathea incisa*, Sm. *Eng. Bot.* iii. t. 163.

*Cyathea regia*, Forst. *Sym. Syn.* 194; Sm. *Fl. Brit.* iii. 1140, in part.

*Cyclopteris regia*, Gray, *Nat. Arr. Brit. Pl.* ii. in corrig.

*Cystea alpina*, Sm. *Eng. Fl.* 2 ed. iv. 291, in obs.

*Cystea regia*, Sm. *Eng. Fl.* 2 ed. iv. 289 (excl. syn. Withering and the alpine habitate).

*Nephrodium alpinum*, Opis.

*Polypodium album*,  $\beta$ . Lam. *Fl. Franc.* i. 21.

*Polypodium alpinum*, Wulf. Jacq. *Coll.* ii. 171; Jacq. *Icon. Pl. Bar.* iii. t. 642; Poir. *Enc. Bot.* v. 640.

*Polypodium crispum*, Gouan, *Illustr. Bot.* 81.

*Polypodium fragile*, var. *Auct.*

*Polypodium polymorphum* (C) *regium*, Villars, *Hist. Pl. Dauph.* iii. 847, t. 53, fig. C.

*Polypodium regium*, Lin. *Sp. Pl.* 1553; Poir. *Enc. Bot.* v. 539.

*retusa*, Dene.—*Cystopteris fragilis*,  $\delta$ .

*rhetica*, Link.—*Cystopteris fragilis*,  $\gamma$ .

*rufescens*, Fée.—*Lastrea hirta*.

*sandwicensis*, Brack. *U. S. Expl. Exped.* xvi. 234.—Sandwich Islands.

[Gen. 45. Sp. 1149.]

*scandicina*, Desv.—*Athyrium scandicinum*.  
*sempervirens*, Moore.—*Cystopteris fragilis*,  $\zeta$ .  
*squamata*, Dcne.—*Acrophorus pulcher*.

*sudetica*, A. Br. et Mildt, *Jahresb. der Schless. Ges. für Vaterl. Cult.* 1855, 92.—Silesia; Sudetia; Carpathian Mountains.  
*tasmanica*, Hook. *Sp. Fil.* i. 199; *Id. Icon. Pl.* t. 959.—Tasmania.

*Cystopteris tasmanica*, Kze, *Bot. Zeit.* viii. 276; Brack. *U. S. Expl. Exped.* xvi. 233.

*tenuis*, Desv. *Prod.* 263 (excl. syn. *Polypod. obtusum*).—N. America; Canada; Pennsylvania; New England; New Carolina; Labrador.

*Cystopteris tenuis*, Schott, *Gen. Fil.* (sub. t. 8); Presl, *Tent. Pter.* 93; Fée, *Gen. Fil.* 299; Moore et Houlet, *Gard. Mag. Bot.* iii. 315, fig. 61; J. Sm. *Cat. Kew Ferns* 1853; Love, *Ferns* vii. t. 35.

*Cystopteris fragilis*, c. *dentata*, Hook. *Sp. Fil.* i. 198, in part; Gray, *Bot. N. United States* 693.

*Aspidium tenue*, Sw. *Syn. Fil.* 58; Schkr. *Crypt.* 196, t. 53 b; Willd. *Sp. Pl.* 279.

*Athyrium tenue*, Presl, *Rel. Hank.* i. 39, in obs.

*Nephrodium tenue*, Mich. *Fl. Bor. Amer.* ii. 269.

*translucens*, Desv.—*Cystopteris fragilis*,  $\beta$ .

*vestita*, Presl.—*Woodsia incisa*.

*villosa*, Desv.—*Lastrea cruciata*.

*villosa*, Fée, *Gen. Fil.* 299.— . . . . .

*viridula*, Desv.—*Cystopteris fragilis*.

*vivipara*, Hort. Turic.—*Grammitis Linkiana*.

**DANÆA**, Smith, *Mem. Acad. Turin.* v. 420, t. 9. [Synopsis p. cxxiii.]

*alata*, Sm. *Tracts* 261; *Id. Act. Taur.* v. 420.—W. Indies: Jamaica, Martinique, Cuba (*Wright* 1066); Brasil, Rio Negro (*Spruce* 1407); ? South Darien (*J. Sm.*)—Plum. t. 109.

*Danæa alata*, Sw. *Syn. Fil.* 167; Willd. *Sp. Pl.* v. 68; Poir. *Enc. Suppl.* ii. 449; Ktze, *Enum.* 34, t. 1, fig. 3; Spreng. *Syst.* 24; Desv. *Prod.* 207; Hook. et Grev. *Icon. Fil.* t. 18; *Id. Bot. Misc.* iii. 228; Corda, *Beitr.* t. 51, fig. 15 (rhizome); Presl, *Suppl. Tent.* 35; Hook. *Gen. Fil.* t. 7; J. Sm. *Lond. Journ. Bot.* ii. 393; Kze. *Lin.* xxiii. 247.

— $\beta$ . *Moritziana*, M.—Columbia (*Moritz* 257), Venezuela (*Fendl.* 1), Caraccas (*Lind.* 187); Tarapota (*Spruce* 4711); St. Vincent; ? Mexico.

*Danæa Moritziana*, Presl, *Suppl. Tent.* 35.

*Danæa alata*, Kl. *Hb. Reg. Ber.*; *Id. Lin.* xviii. 529.

*Danæa media*, Liebm. *Mex. Bregm.* 154 (Mexico) ?

*angustifolia*, Presl.—*Danæa nodosa*,  $\beta$ .

[Gen. 46. Sp. 1154.]

Augustii, *Karsten MS.*: *Kze. Lin.* xx. 2; xxiii. 247.—Columbia, Venezuela.

*Danæa Augustii*, *Karst. et Kl. Bot. Zeit.* iv. 104; v. 694.

*cuspidata*, Liebm.—? *Danæa stenophylla*.

*dubia*, *Presl, Supp. Tent.* 36.—Brazil.

*Danæa elliptica*, *Hb. Reg. Ber.*—f. *Presl*.

*elata*, Liebm.—? *Danæa nodosa*.

*elliptica*, *Sm. Rees' Cycl.*—W. Indies: Jamaica, St. Vincent, Gaudeloupe, Trinidad; Brazil (*Martius* 338; *Lueschnath* 14, 84; *Blanch et* 2518), Organ Mountains *Gardn.* 87; Amazon (*Spruce* 266); San Gabriel (*Spruce* 1407); Venezuela (*Fendl.* 460); Eastern Peru: Tarapota (*Spruce* 4770); B. Guiana (*Appun* 182); F. Guiana; Panama (*Fendl.* 390)—Sloane, t. 41. fig. 1 (*Presl*.)

*Danæa elliptica*, *Hook. et Grev. Icon. Fil.* t. 53 add.; *Id. Bot. Misc.* iii. 228; *J. Sm. Lond. Journ. Bot.* ii. 393; *Presl, Supp. Tent.* 36; *Id. Die Gefassb.* 14, t. 1, 19 (stipes).

*Danæa geniculata*, *Raddi, Fil. Bras.* 75, t. 5, fig. 1.—f. *Hook. et Grev.*; *Desv. Prod.* 207.

*Danæa latifolia*, *Leprieur MS.*

*Danæa sarcorrhiza*, *Leprieur MS.*

*Danæa maxima*, *Leprieur MS.*

*elliptica*, *Hb. Reg. Gen. Ber.*—*Danæa dubia*.

*elliptica*, *Hb. Reg. Bras. Ber.*—*Danæa Sellowiana*.

*evecta*, *Spreng.*—*Angiopteris evecta*.

*geniculata*, *Raddi*.—*Danæa elliptica*.

*guatemalensis*, *Hort.*—*Diplazium arborescens*.

*humilis*, *M.\**—Peru: Tarapota (*Spruce* 4769); Ecuador: Cape Corientes (*Seem.* 996, proliferous); Panama (*Fendl.* 389).

*intermedia*, *J. Sm. Lond. Journ. Bot.* ii. 393.—. . . .

*latifolia*, *Lepr. MS.*—*Danæa elliptica*.

*Leprieurii*, *Kze. Schkr. Fil.* i. 137, t. 60.—F. Guiana.

*Danæa Leprieurii*, *Presl, Supp. Tent.* 37.

*Danæa parvula*, *Leprieur MS.*

*longifolia*, *Desv.*—*Danæa nodosa*.

*maxima*, *Lepr. MS.*—*Danæa elliptica*.

*media*, Liebm.—? *Danæa alata*,  $\beta$ .

*Moritziana*, *Presl.*—*Danæa alata*,  $\beta$ .

\* *D. humilis*: fronds small, narrow lanceolate, pinnate; pinnae numerous (about 25 pairs and an odd one), short, rather over an inch long, oblong acute, somewhat falcate, serrated at the apex, unequal at the base which is rounded and shorter on the exterior side narrowed and acute on the posterior: pinnae of the fertile frond small, scarcely more than half an inch long, linear-oblong obtuse; rachis winged.

nodosa, *Sm. Tracts* 260; *Id. Act. Taur.*, v. 420, t. 9, fig. 11.—  
W. Indies: Jamaica, Martinique, St. Domingo, St. Vincent, Cuba (*Wright* 924); Caraccas; Brazil (*Mart.* 339); Peru; Equador; Panama (*Cuning* 1125); Isle of Gorgona; Mexico.—*Plum.* t. 108.

*Dansea nodosa*, *Cav. Presl.* (1801) 281; *Schkr. Crypt.* 152, t. 151; *Sw. Syn. Fil.* 187; *Willd. Sp. Pl.* v. 68 (excl. syn. Sloane); *Spreng. Syst.* 24 (excl. syn. Raddi); *Hook. et Grev. Icon. Fil.* t. 51 add.; *Id. Bot. Misc.* iii. 228; *Corda, Beitr.* t. 51, fig. 16-17 (rhizome); *Kze. Lin.* ix. 16; xlii. 247; *Presl, Supp. Tent.* 34; *J. Sm. Lond. Journ. Bot.* ii. 393; *Moore et Hoult. Gard. Comp.* 148, fig. 95.

*Dansea longifolia*, *Desv. Berl. Mag.* (1811) v. 307; *Id. Journ. Bot.* (1813) iii. 267.—*L. Hook. et Grev.*; *Id. Prod.* 207; *Poir. Enc. Supp.* v. 660; *Gaud. Freyc. Voy.* 291.

*Dansea elata*, *Liebm. Mex. Bregn.* 154 (Mexico)?  
*Asplenium nodosum*, *Lin. Sp. Pl.* 1539; *Lam. Enc. Bot.* ii. 306.

—*β. angustifolia*, M.—W. Indies.

*Dansea angustifolia*, *Presl, Supp. Tent.* 35.

? *paleacea*, *Raddi, Syn. Fil.* 13; *Id. Fil. Bras.* 76, t. 5, fig. 2.  
—Brazil.

*Dansea paleacea*, *Hook. et Grev. Bot. Misc.* iii. 229.

*Danseaopsis paleacea*, *Presl, Supp. Tent.* 39.

*parvula*, *Lepr. MS.*—*Dansea Leprieurii*.

*sarcorrhiza*, *Lepr. MS.*—*Dansea elliptica*.

*Sellowiana*, *Presl, Corda Beitr. Flora der Vorw.* t. 51, fig. 18-23 (rhizome); *Id. Supp. Tent.* 35; *Id. Die Gefassb.* 14, t. 1, fig. 20 (stipes).—Brazil.

*Dansea elliptica*, *Hb. Reg. Bras. Ber.*—*L. Presl.*

*simplicifolia*, *Rudge, Pl. Guiana*, 24, t. 36.—Guiana; F. Guiana (*Lepr.* 30); B. Guiana (*Appun.* 134); Para (*Spruce* 29).

*Dansea simplicifolia*, *Poir. Enc. Supp.* ii. 449; *Willd. Sp. Pl.* v. 67; *Desv. Prod.* 207; *Spreng. Syst.* 24; *Hook. et Grev. Bot. Misc.* iii. 228; *Presl, Supp. Tent.* 34; *Kze. Schkr. Supp.* i. 107, t. 50; *J. Sm. Lond. Journ. Bot.* i. 203, ii. 393.

—*β. trifoliata*, M.—Surinam (*Hostm.* 1166, pinnate; *Kappler* 1754, sterile pentaphyllous; B. Guiana (*Rob. Schomb.*); Peru: St. Gavan.

*Dansea trifoliata*, *Echb. MS.: Weigelt. Pl. Guian. exsic.: Kze. Anal. Pier.* 4, t. 2; *Presl, Supp. Tent.* 34; *Mettlen. Fil. Lechl. fasc.* ii. 34.

*stenophylla*, *Kze, Schkr. Supp.* i. 55, t. 28.—Guadeloupe; ? Mexico.

*Dansea stenophylla*, *Mettlen. Fil. Lips.* 119.

*Heterodansea stenophylla*, *Presl, Supp. Tent.* 38.

*Dansea cuspidata*, *Liebm. Mex. Bregn.* 155 (Mexico)?

[Gen. 46. Sp. 1165.]

*trichomanoides*, Spruce MS.\*—Peru : Tarapota (Spruce 4710).  
*trifoliata*, Rehb. MS.—*Danæa simplicifolia*,  $\beta$ .

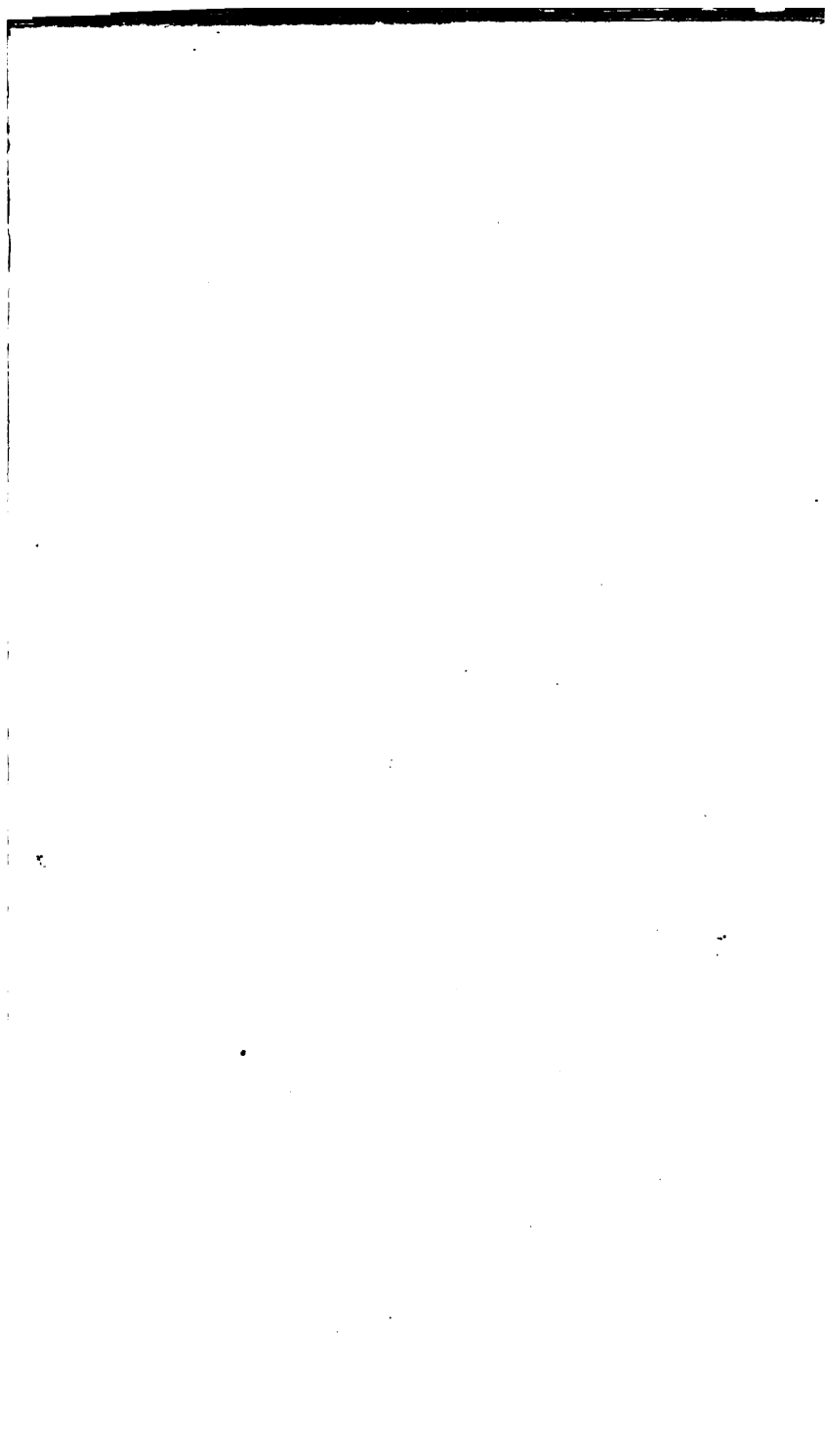
**Danæopsis**, Presl, *Supp. Tent.* 39.  
*paleacea*, Presl.—*Danæa* ? *paleacea*.

**Darea**, Jussieu, *Gen. Plantarum* 15.

*appendiculata*, Willd.—*Asplenium bulbiferum*,  $\beta$ .  
*appendiculata*, Bl.—*Asplenium Veitchianum*,  $\beta$ .  
*asplenioides*, Bory.—*Asplenium Boryanum*.  
*aspidioides*, Willd.—*Athyrium aspidioides*.  
*auriculata*, Willd.—*Asplenium Thunbergii*.  
*Belangert*, Bory.—*Asplenium Veitchianum*.  
*bifida*, Klfs.—*Asplenium inæquale*.  
*bifida*, Bory.—*Asplenium inæquale*,  $\beta$ .  
*cicutaria*, Sm.—*Asplenium cicutarium*.  
*coarctata*, Boj. MS.— { *Asplenium Dregeanum*.  
                                   { *Asplenium brachypteron*.  
*cuneata*, Desv.—*Asplenium affine*.  
*disticha*, Klfs.—*Asplenium rutæfolium*,  $\beta$ .  
*flaccida*, Sm.—*Asplenium flaccidum*.  
*flexuosa*,  $\beta$ . Hook. et Arn.—*Asplenium flexuosum*.  
*fascunda*, Fée.—*Asplenium compressum*.  
*fœniculacea*, Sieb.—*Asplenium viviparum*.  
*fumarioides*, H. B.—*Davallia meifolia*.  
*fumarioides*, Carm. MS.—*Asplenium palmatifidum*.  
*furcata*, Sm.—*Asplenium rutæfolium*,  $\beta$ .  
*furcata*, Bl.—*Asplenium Veitchianum*.  
*furcans*, Bory.—*Polybotrya furcata*.  
*hybrida*, Carm. MS.—*Asplenium flexuosum*.  
*inæqualis*, Willd.—*Asplenium inæquale*.  
*intermedia*, Klfs.: Sieb.—*Asplenium inæquale*.  
*japonica*, Willd.—*Onychium japonicum*.  
*membranacea*, Poir.—*Asplenium cicutarium*.  
*? millefolia*, Fée.—*Asplenium millefolium*.  
*mucronata*, De Cand. Hb.—*Asplenium solidum*,  $\beta$ .  
*myriophylla*, Willd.—*Asplenium myriophyllum*.  
*obtusa*, Desv.—*Asplenium affine*.  
*odontites*, Willd.—*Asplenium flaccidum*.

\* *D. trichomanoides*, Spruce MS.: rhizome slender, ascending; fronds (sterile) about 6 inches high, pinnate; pinnae oblong obtuse an inch long, truncate at the base, somewhat wavy on the margin, pellucid, the veins quite simple, very distinct, and spreading at right angles; rachis narrowly winged; fertile fronds rather taller (a span high), the pinnae stalked, oblong obtuse, unequal at the base, bearing about 10-12 synangia which are oblong, with about 12 apertures.





## PLATE XXXV.

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### A.

#### GEN. 60.—**DRYOMENIS**, *Fée.* [Synopsis p. xlvii.]

FIG. 1. Fragment of sterile portion of *D. MENISCHICARPON*,  
*Moore.* (n. s.)

2. Fragment of fertile portion of the same, showing the  
transverse sori (n. s.)

3. Portion of the same, enlarged.

4. Spore-case.

5. Spores.

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### B.

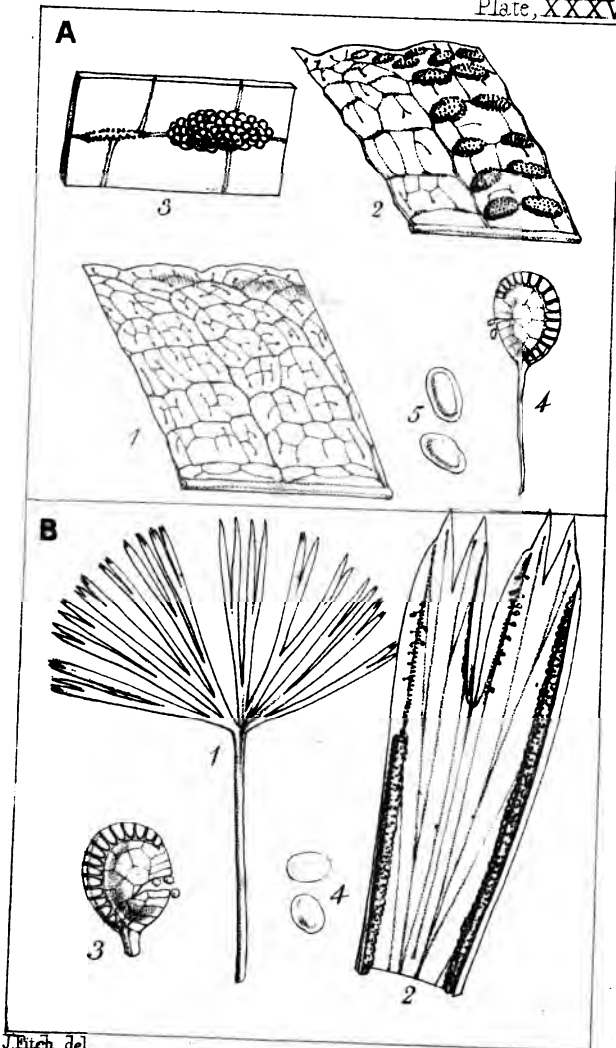
#### GEN 61.—**ACTINIOPTERIS**, *Link.* [Synopsis p. xlvii.]

FIG. 1. Frond of *A. RADIATA*, *Link.* (n. s.)

2. Segment of the same, enlarged.

3. Spore-case.

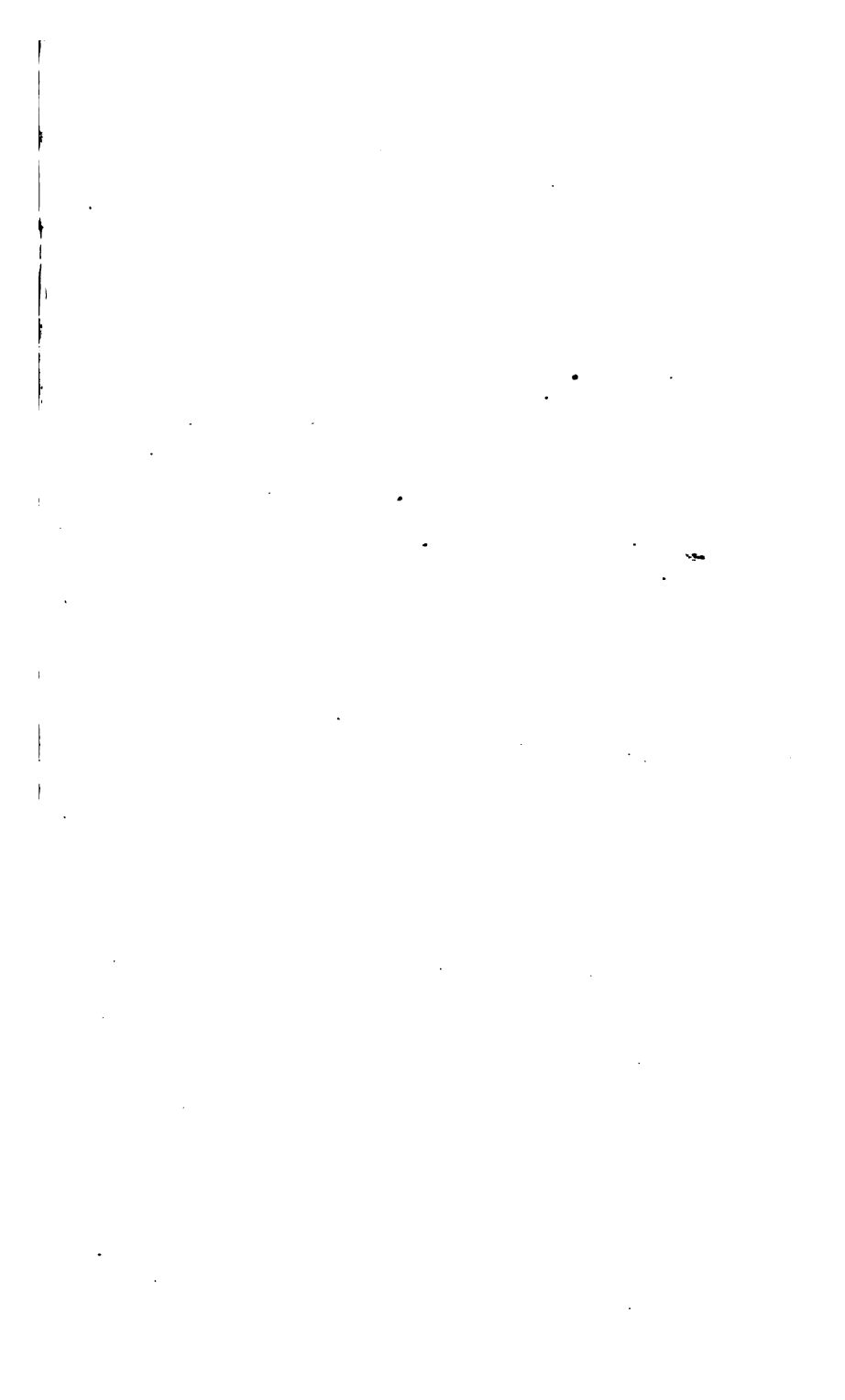
4. Spores.



J. Eitch, del.

A. *Dryomenis* B. *Actiniopteris*.



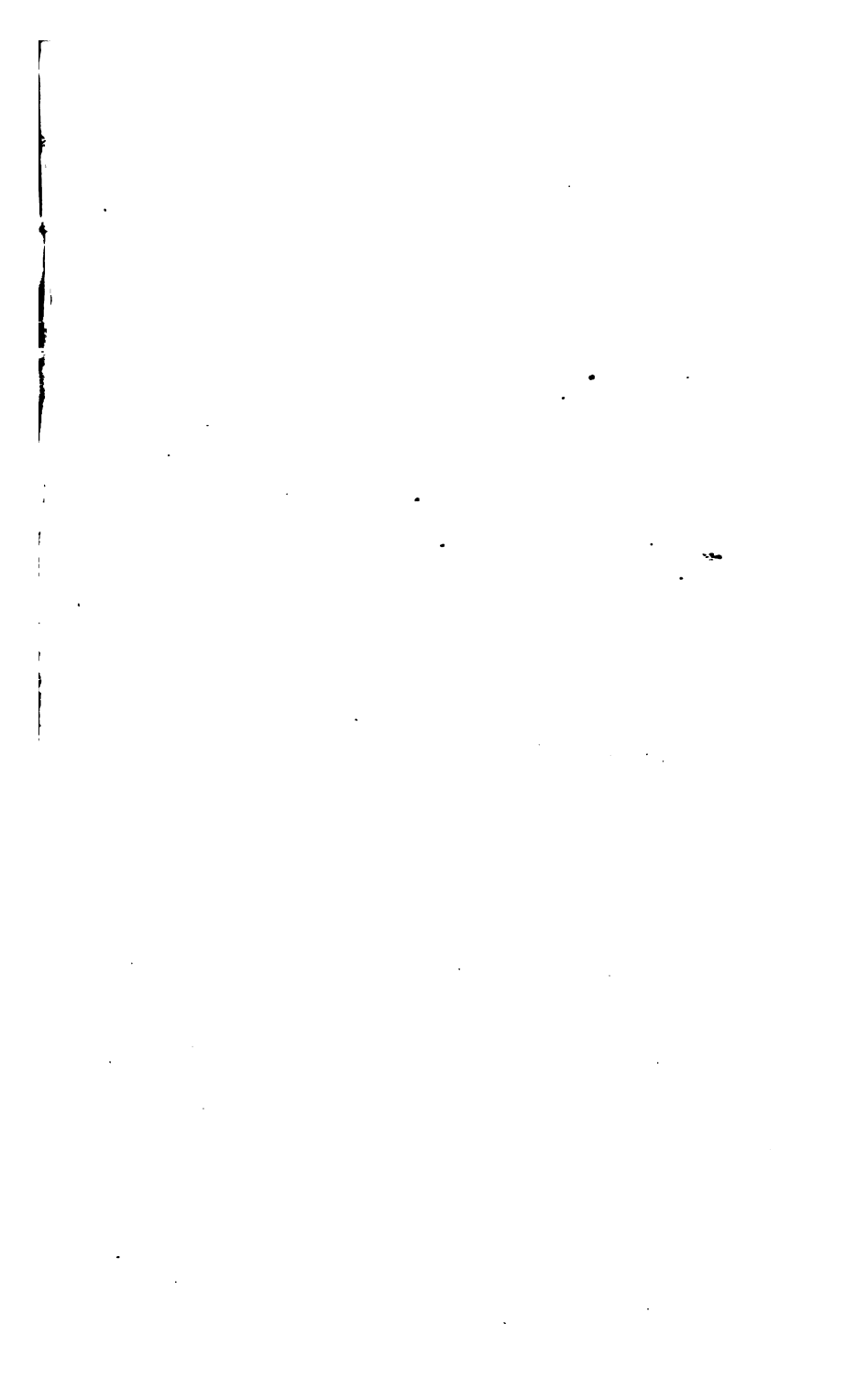


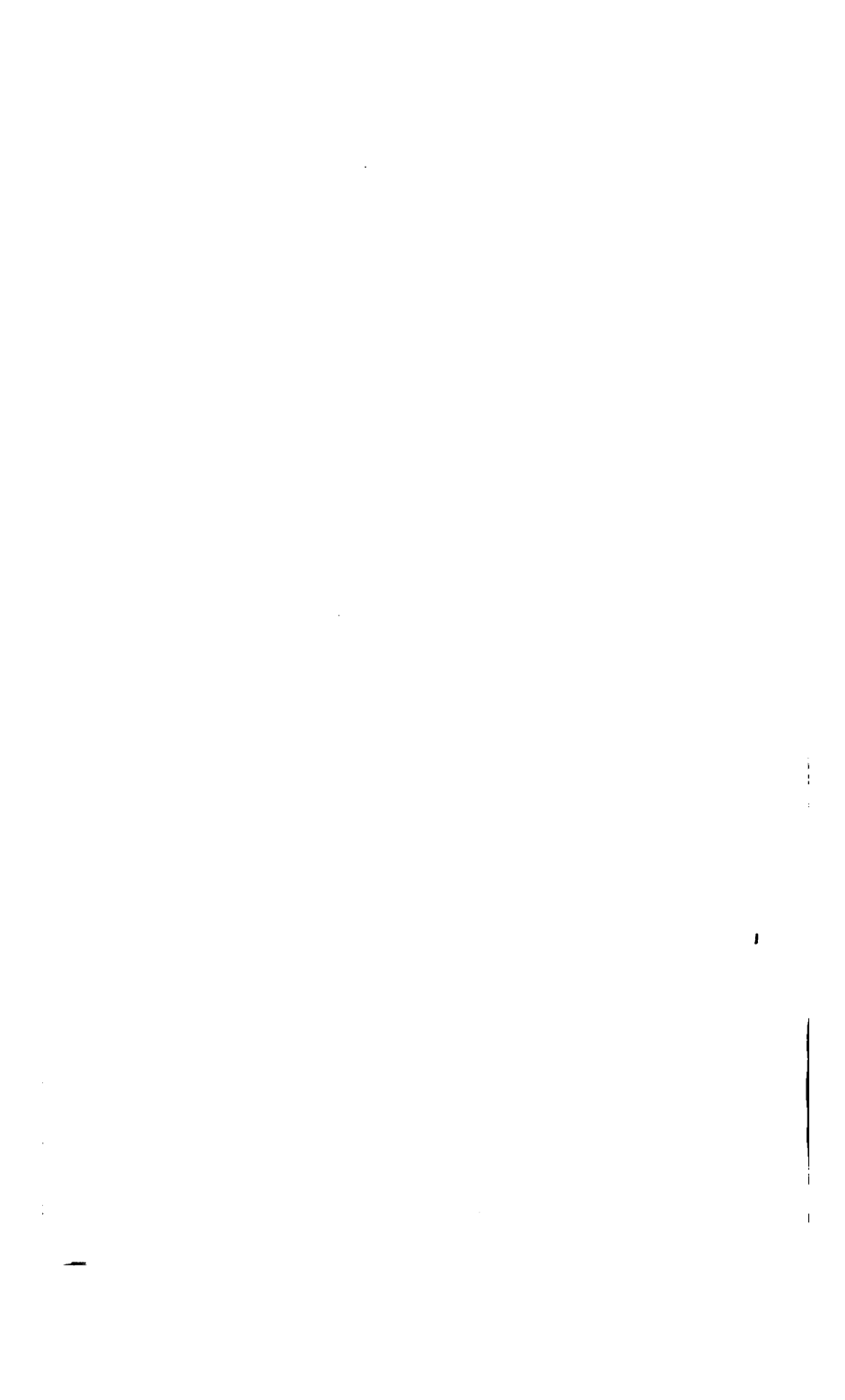
GEN. 6













## PLATE XXXVI.

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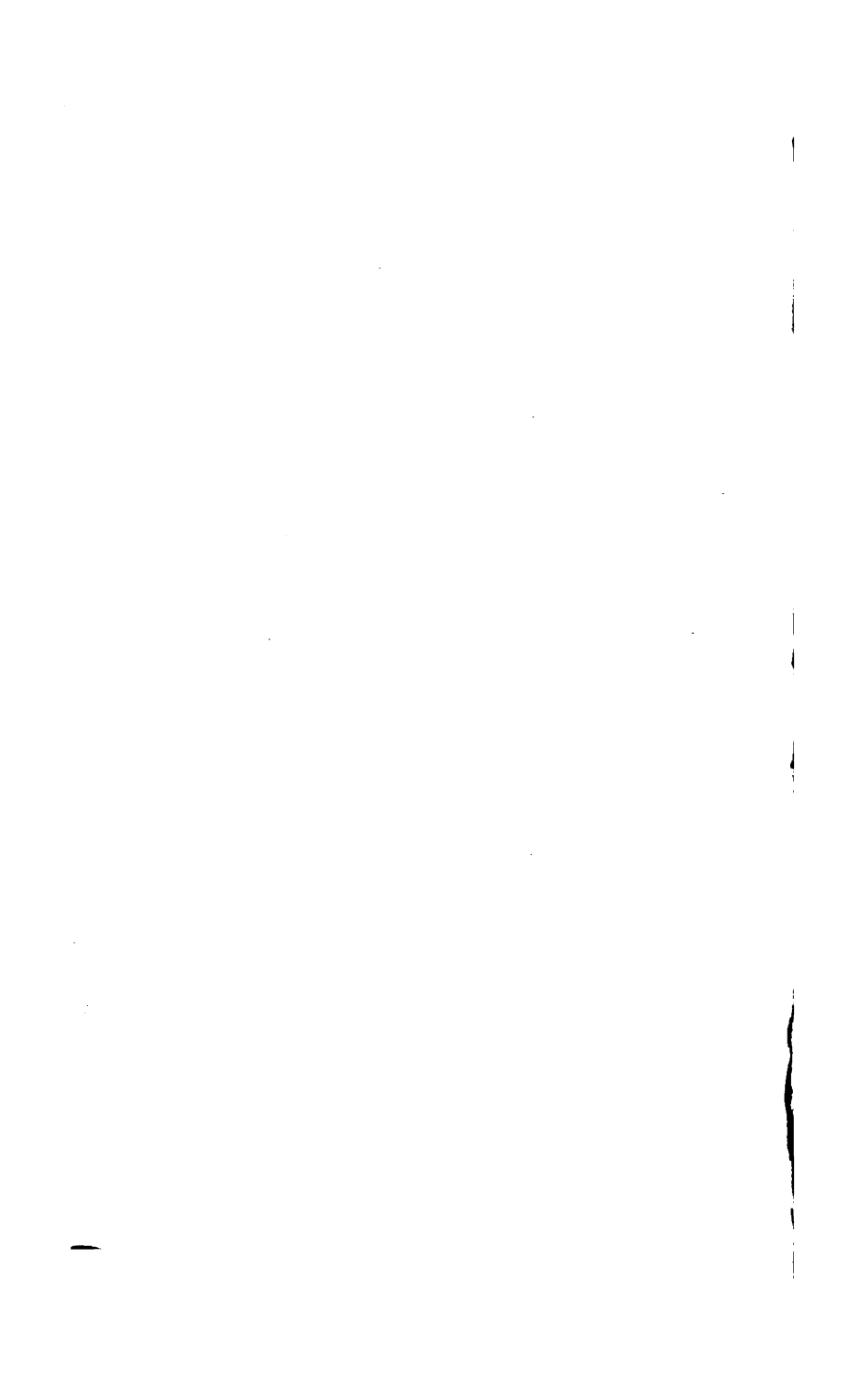
### GEN. 62.—**ASPLENIUM**, *Linnaeus*. [Synopsis p. xlviii.]

- FIG. 1. Pinna of *A. MARINUM*, *Lin.* (n. s. small.)  
2. Another pinna of the same, enlarged.  
3. Spore-case.  
4. Spores.  
5. Pinna of *A. TENNELUM*, *Rosb.*  
6. Segment of *A. VEITCHIANUM*, *Moore*, showing the fructification of the § *Darea*.  
7. Segment of *A. BASILARE*, *Moore*, showing the fructification of the § *Allantodia*.



J. Fitch, del.

*Asplenium.*





## PLATE XXXVII.

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### A.

GEN. 63.—**ATHYRIUM**, *Roth.* [Synopsis p. xlix.]

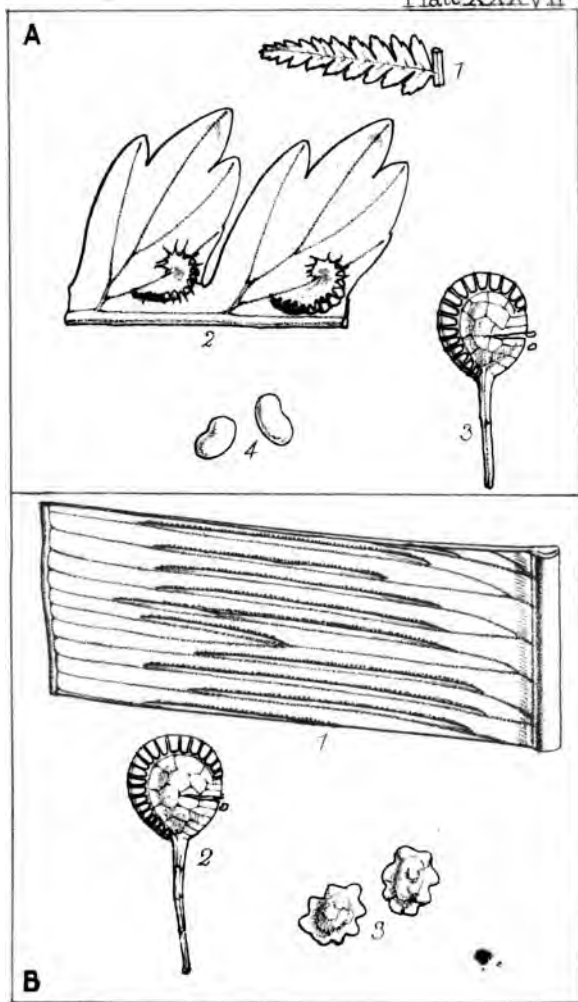
- FIG 1. Pinnule of *A. FILIX-FORMINA*, *Roth.* (n. s.)  
2. Fragment of the same, enlarged, showing the hooked or recurved sori.  
3. Spore-case.  
4. Spores.
- 

### B.

GEN 64.—**THAMNOPTERIS**, *Presl.* [Synopsis p. l.]

- FIG. 1. Fragment of frond of *TH. NIDUS*, *Presl.* (n. s.)  
2. Spore-case.  
3. Spores.





J. Fitch del.

**A.** *Athyrium*. **B.** *Thamnopteris*.





PLATE XXXVIII.

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A.

GEN. 65.—**HEMIDICTYUM**, *Presl.* [Synopsis p. 1.]

FIG. 1. Fragment of pinna of *H. MARGINATUM*, *Presl.* (n. s.)

2. Spore-case.

3. Spores.

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B.

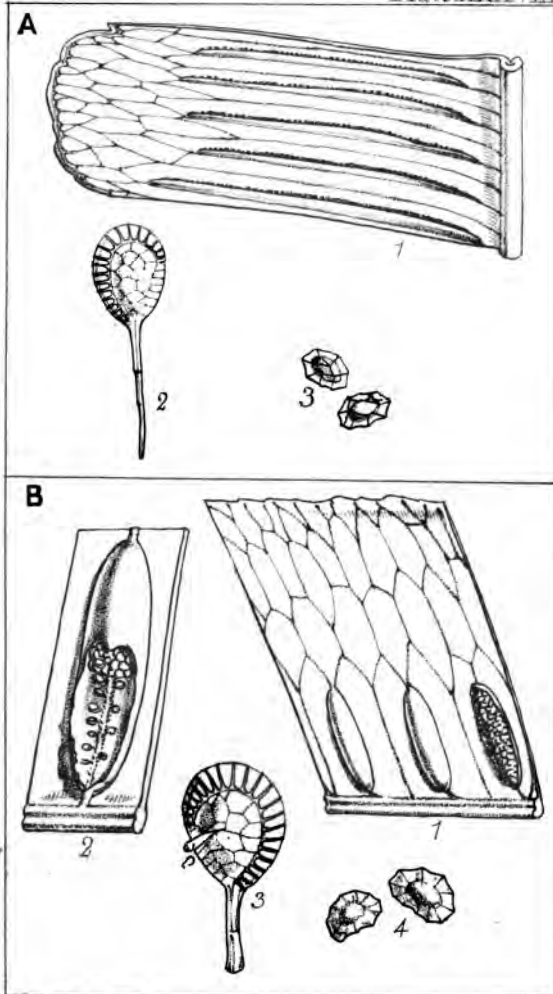
GEN. 66.—**ALLANTODIA**, *R. Br.* (reduct.) [Syn. p. li.]

FIG. 1. Fragment of pinna of *A. BRUNONIANA*, *Wall.* (n. s.)

2. Portion of the same, enlarged.

3. Spore-case.

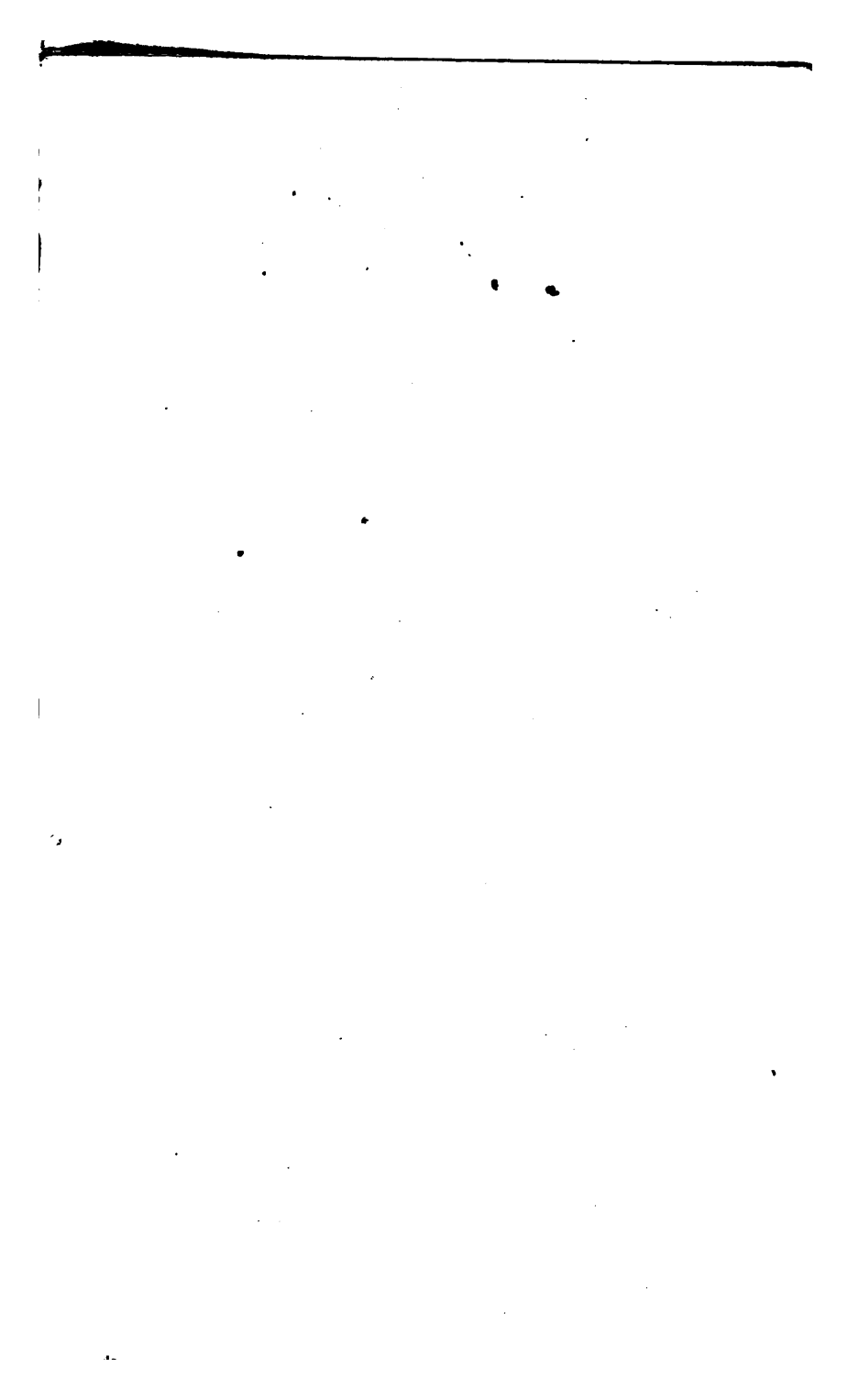
4. Spores.



J. E. del.

**A.** *Hemidictyum*. **B.** *Allantodia*.





## PLATE XXXIX.

---

### GEN. 67.—**CETERACH**, *Willdenow.* [Synopsis p. li.]

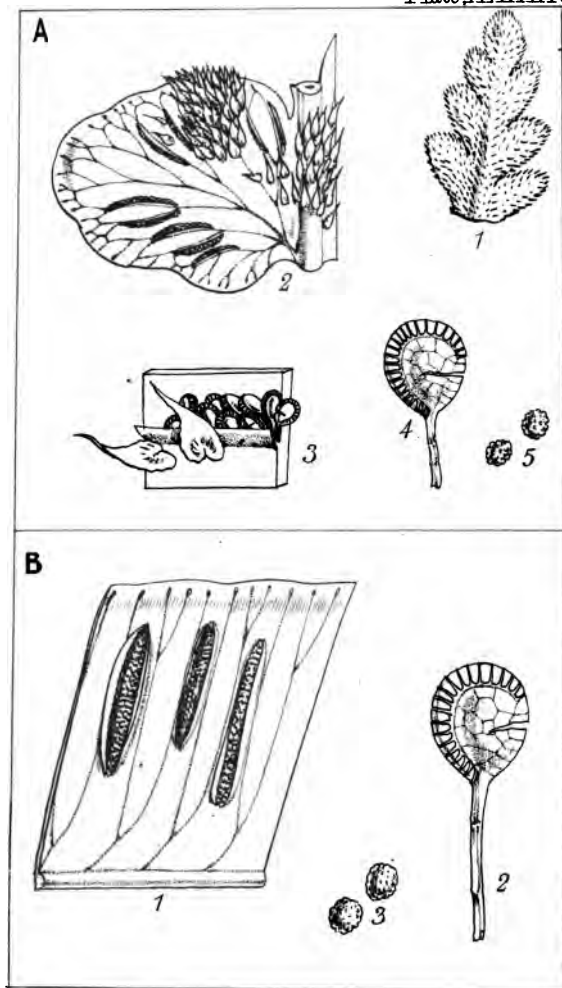
- FIG. 1. Apex of frond of *C. OFFICINARUM*, *Willd.* (n. s.)  
2. Segment of the same, enlarged, showing the veins, sori, and scales.  
3. Fragment of the same, showing a sorus enlarged, with the indusium-like ridge.  
4. Spore-case.  
5. Spores.
- 

## B.

### GEN. 68.—**SCOLOPENDRIUM**, *Smith.* [Synopsis p. lii.]

- FIG. 1. Fragment of frond of *S. VULGARE*, *Sm.* (n. s.)  
2. Spore-case.  
3. Spores.

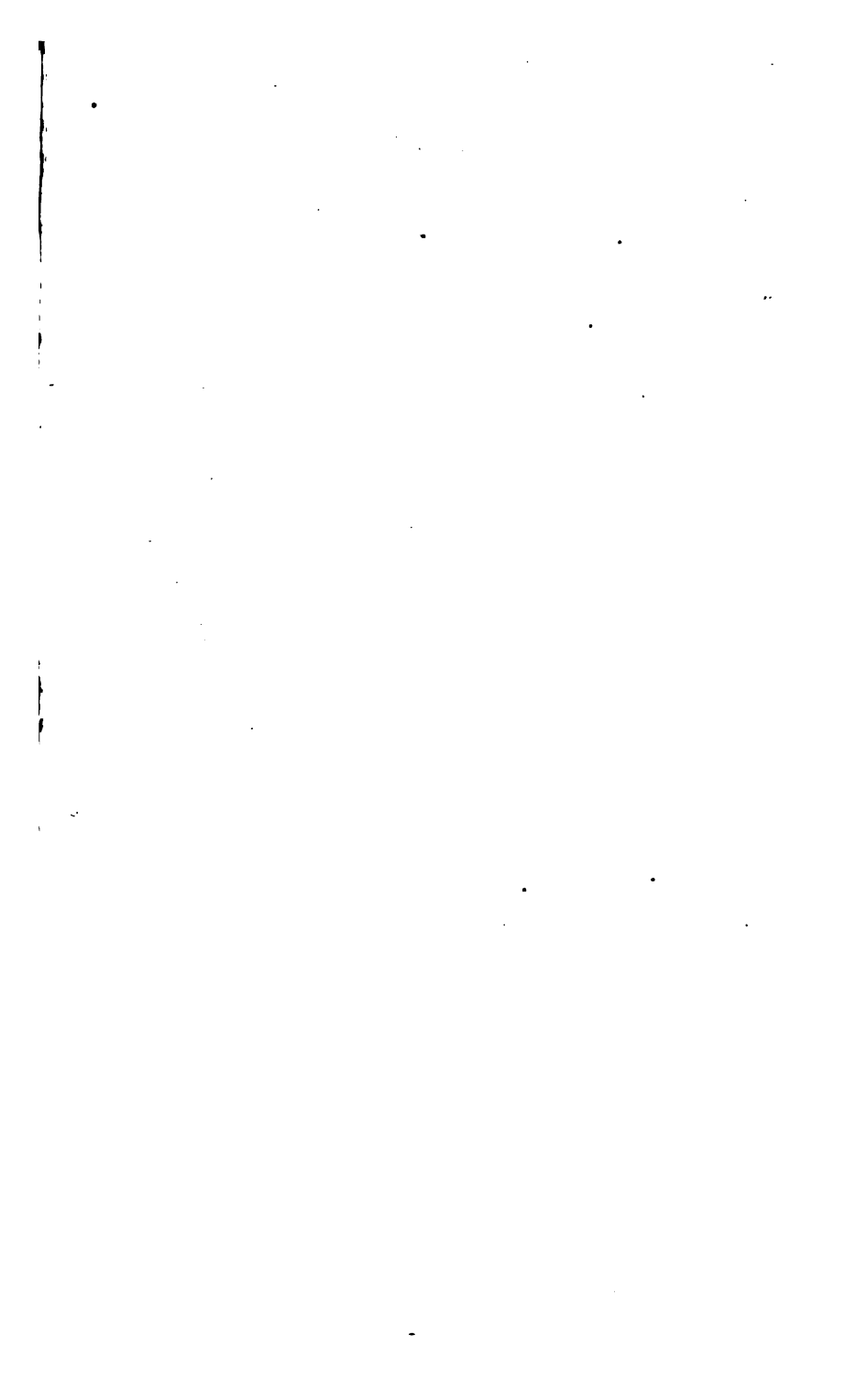




J. Fitch, del.

**A.** Ceterach. **B.** Scolopendrium.





## PLATE XL.

---

### A.

GEN. 69.—**ANTIGRAMMA**, *Presl.* [Synopsis p. lii.]

FIG. 1. Fragment of frond of *A. BRASILIENSIS*, *Moore*.

2. Spore-case.

3. Spores.

---

### B.

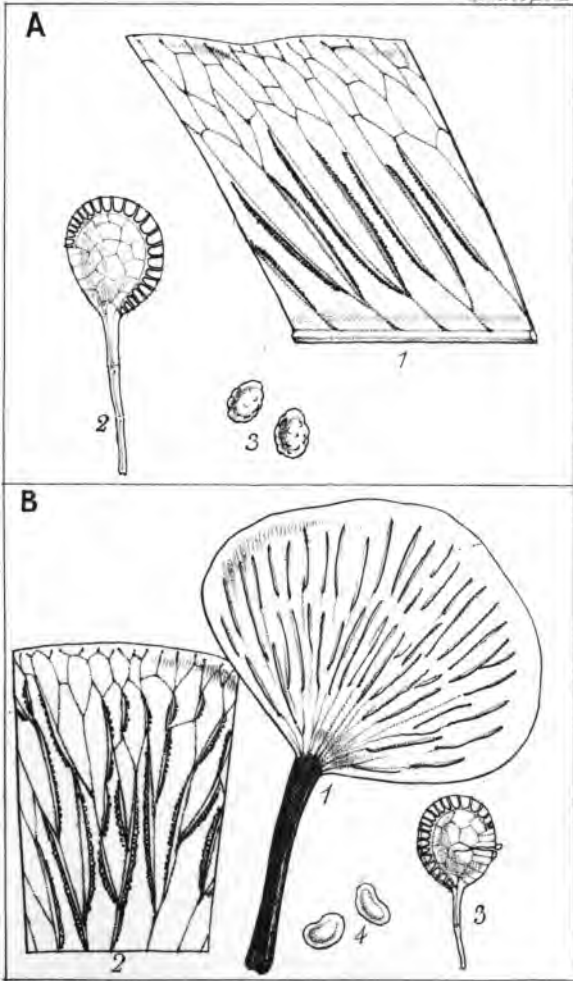
GEN. 70. **SCHAFFNERIA**, *Née.* [Synopsis p. liii.]

FIG. 1. Frond of *S. NIGRIPES*, *Née.* (n. s.)

2. Fragment of the same, enlarged, showing the irregular scolopendrioid sori.

3. Spore-case.

4. Spores.



J. Kitch. del.

**A.** *Antigramma*. **B.** *Schaffneria*.

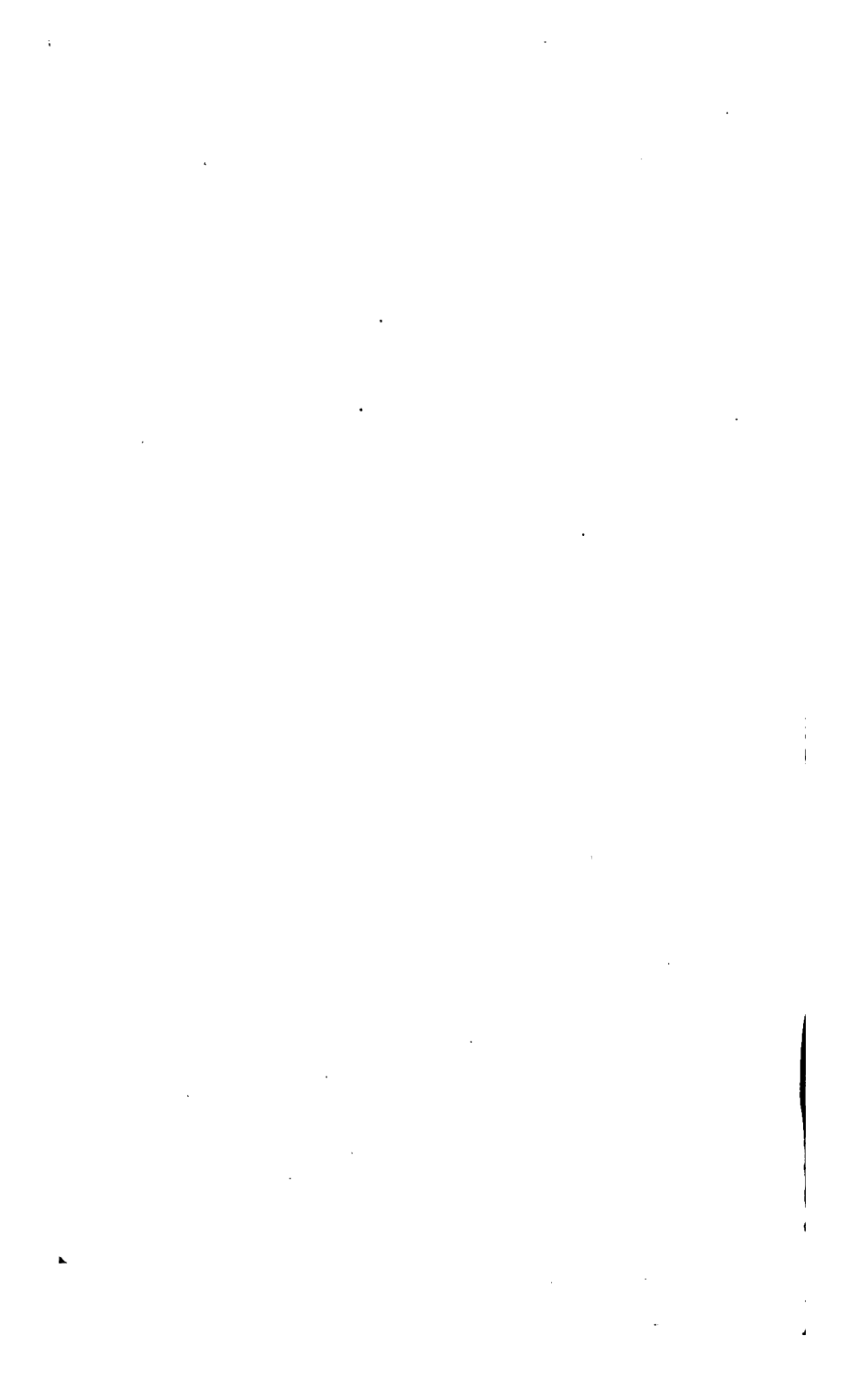




PLATE XLI.

---

A.

GEN. 71.—**CAMPTOSORUS**, *Link.* [Synopsis p. liii.]

FIG. 1. Fragment of frond of *C. RHIZOPHYLLUS*, *Link.* (n. s.)

2. Spore-case.

3. Spores.

---

B.

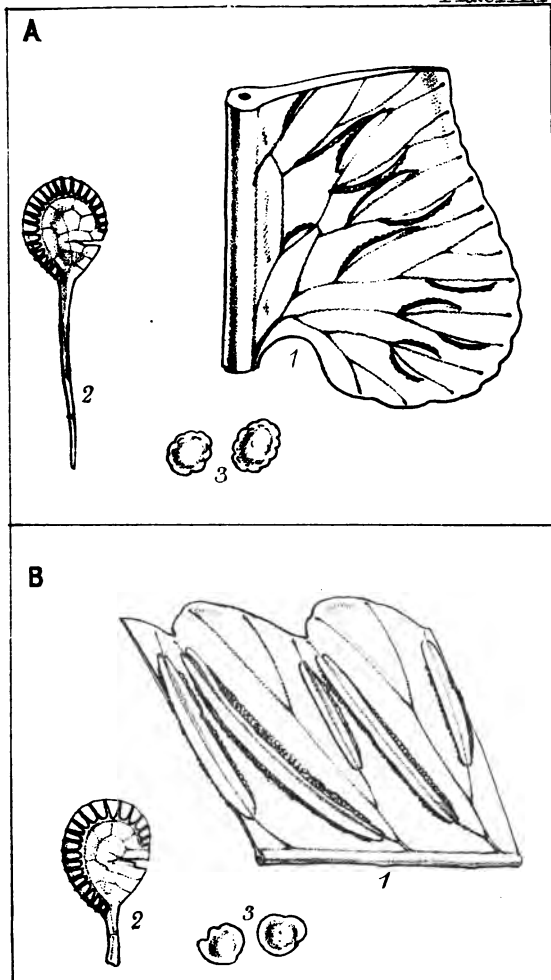
GEN. 72.—**DIPLAZIUM**, *Swartz.* [Synopsis p. liv.]

FIG. 1. Fragment of pinna of *D. GRANDIFOLIUM*, *Swartz.* (n. s.)

2. Spore-case.

3. Spores.

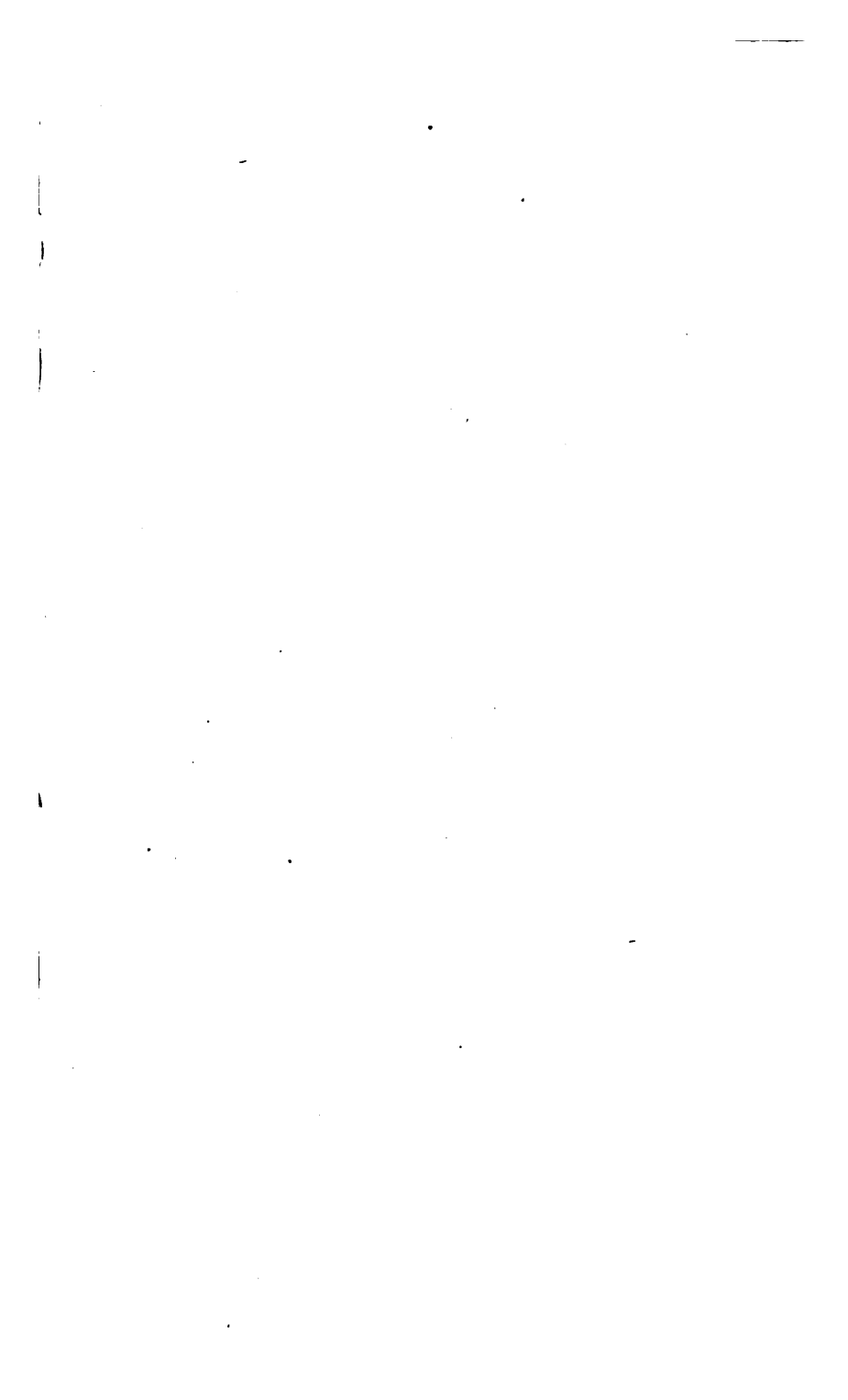




J. Etch, del.

**A.** Camptosorus **B.** Diplazium.

1



## PLATE XLII.

---

### A.

GEN. 73.—**CALLIPTERIS**, *Bory.* [Synopsis p. lv.]

FIG. 1. Fragment of pinna of *C. PROLIFERA*, *Bory.* (n. s.)

2. Spore-case.

3. Spores.

---

### B.

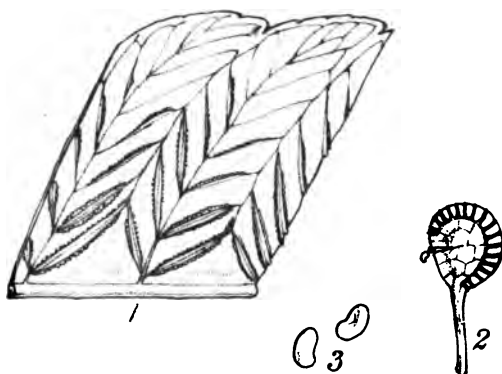
GEN. 74.—**OXYGONIUM**, *Presl.* [Synopsis p. lv.]

FIG. 1. Fragment of frond of *O. ALISMÆFOLIUM*, *J. Sm.*

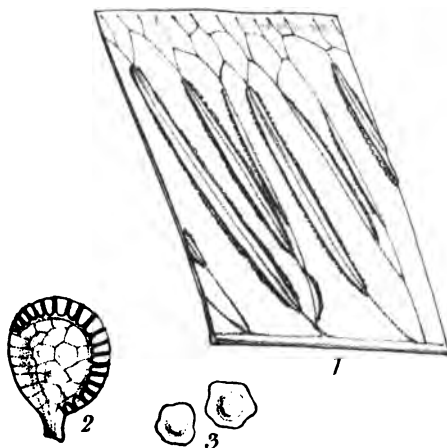
2. Spore-case.

3. Spores.

**A**

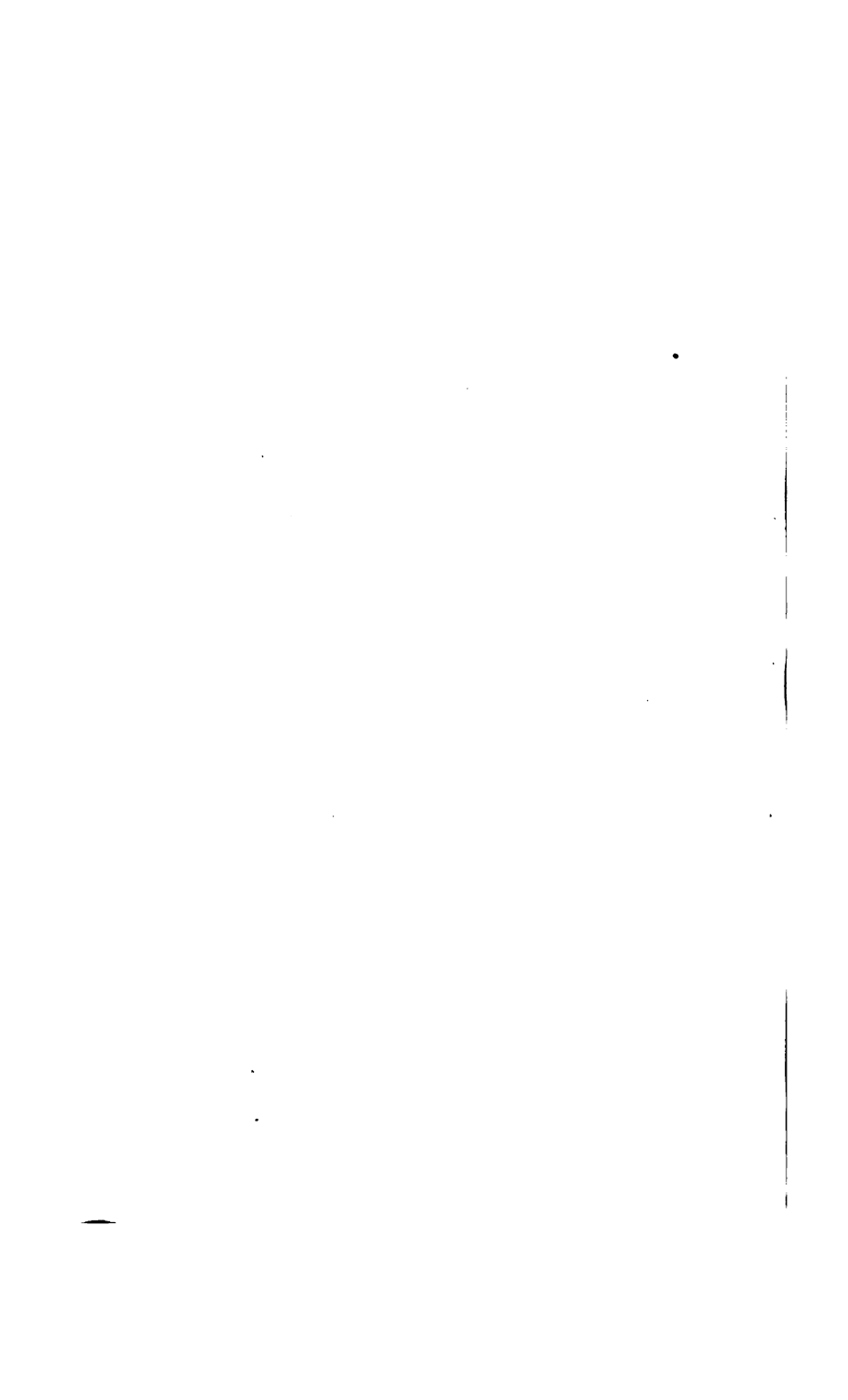


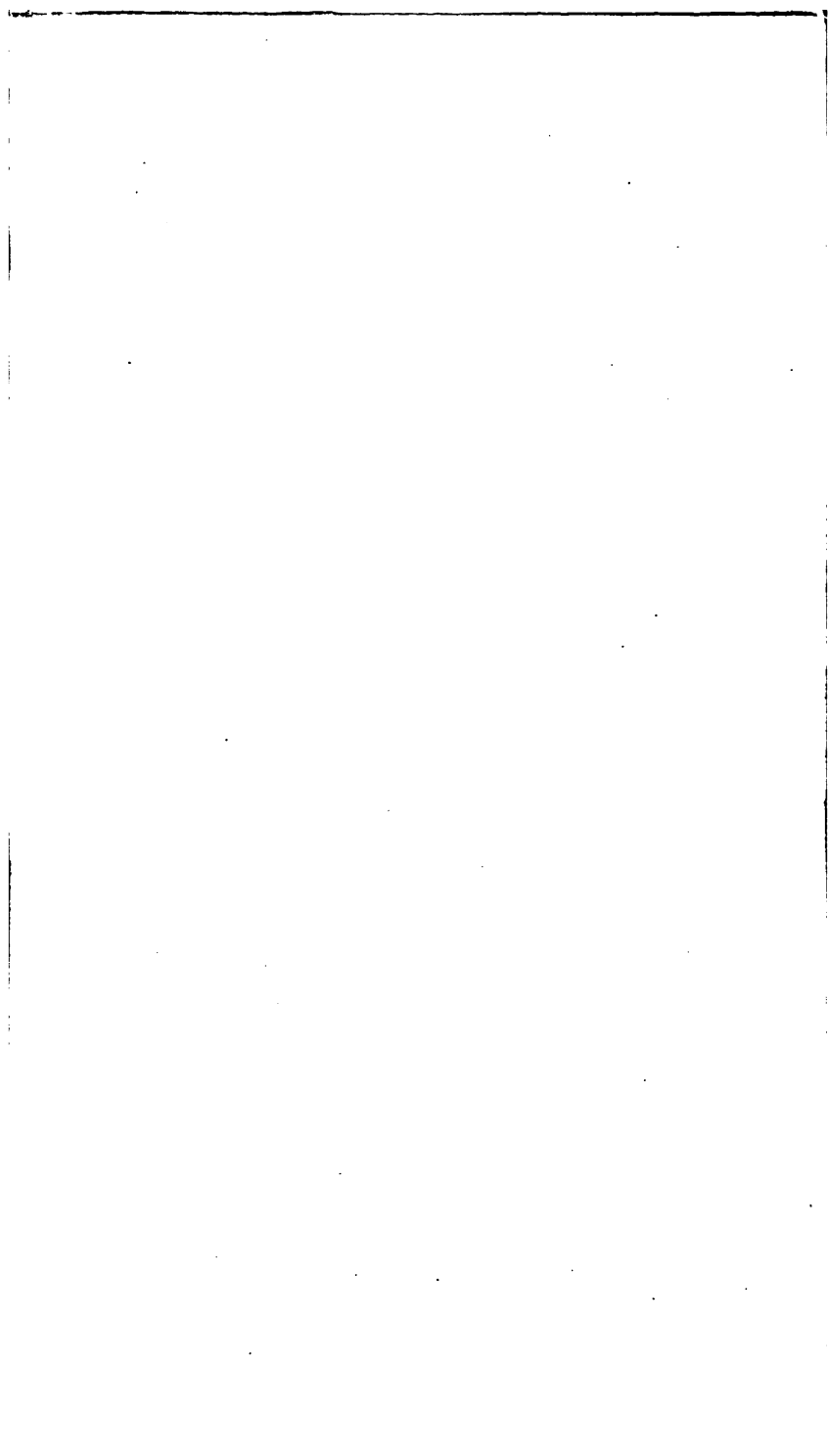
**B**



J. E. Arch, del.

**A.** *Callipteris* **B.** *Oxygonium*.





## PLATE XLIII.

---

### A.

GEN. 75.—**DIDYMOCHLÆNA**, *Desvaux*. [Syn. p. lvi.]

FIG. 1. Pinnule of *D. LUNULATA*, *Desv.*, showing the upper surface (small.)

2. Pinnule of the same, enlarged.
  3. Fragment of the same, showing a sorus more enlarged.
  4. Spore-case.
  5. Spores.
- 

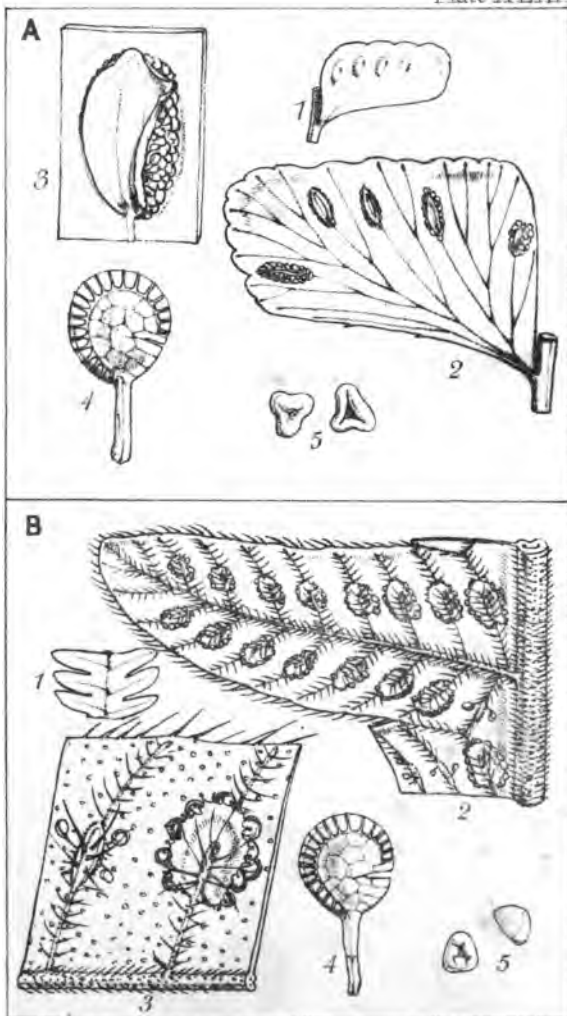
### B.

GEN. 76.—**MESOCHLÆNA**, *R. Brown*. [Synops. p. lvii.]

FIG. 1. Portion of pinna of *M. JAVANICA*, *R. Br.* (small.)

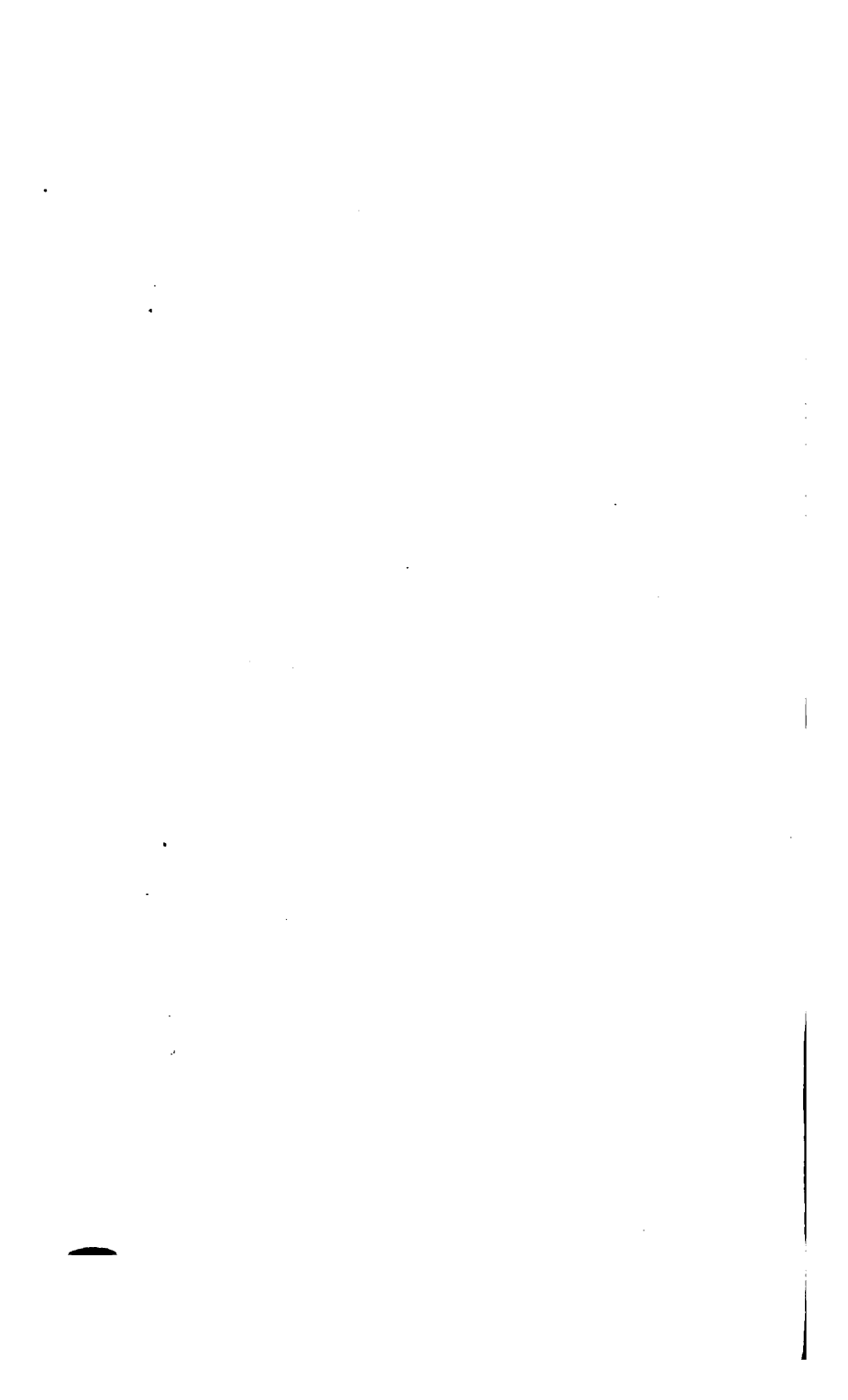
2. Segment of the same, enlarged.
3. Fragment of the same, more enlarged.
4. Spore-case.
5. Spores.

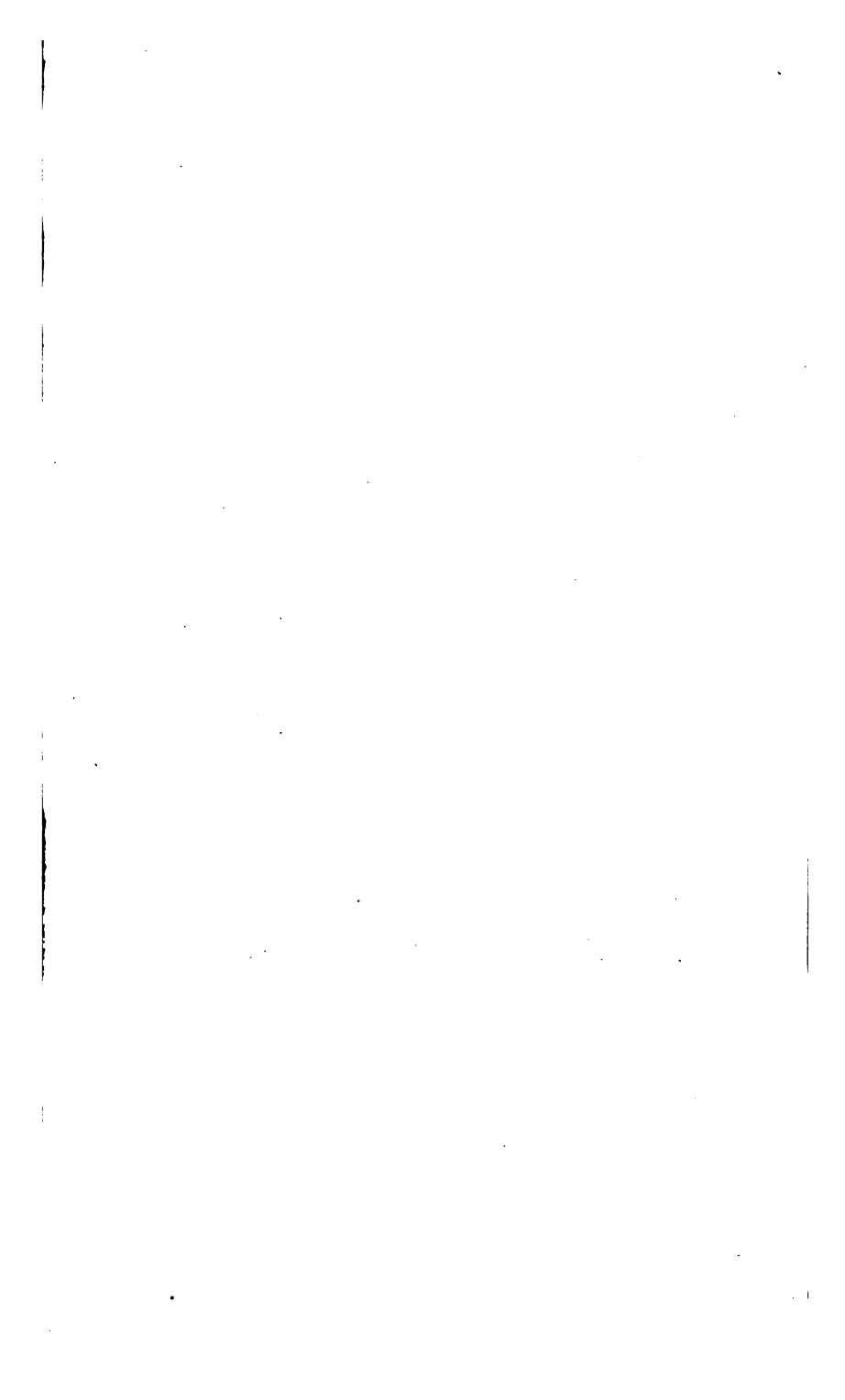




J. Fitch del.

A. *Didymochlaena* B. *Mesochlaena*





## PLATE XLIV.

---

### A.

GEN. 77.—**POLYTÆNIUM**, *Dervaux*. [Synopsis p. lvii.]

FIG. 1. Fragment of frond of *P. LINEATUM*, *J. Sm.*

2. Portion of the same, more enlarged, showing the immersed sorus.

3. Spore-case.

4. Spores.

---

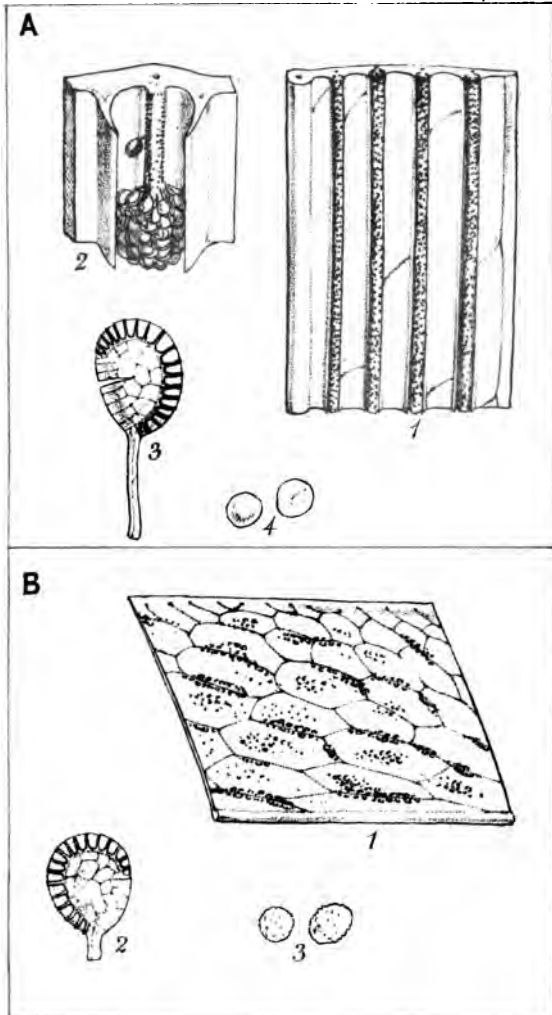
### B.

GEN. 78.—**ANETIUM**, *Splitgerber*. [Synopsis p. lviii.]

FIG. 1. Fragment of frond of *A. CITRIFOLIUM*, *Splitg.* (n. s.)

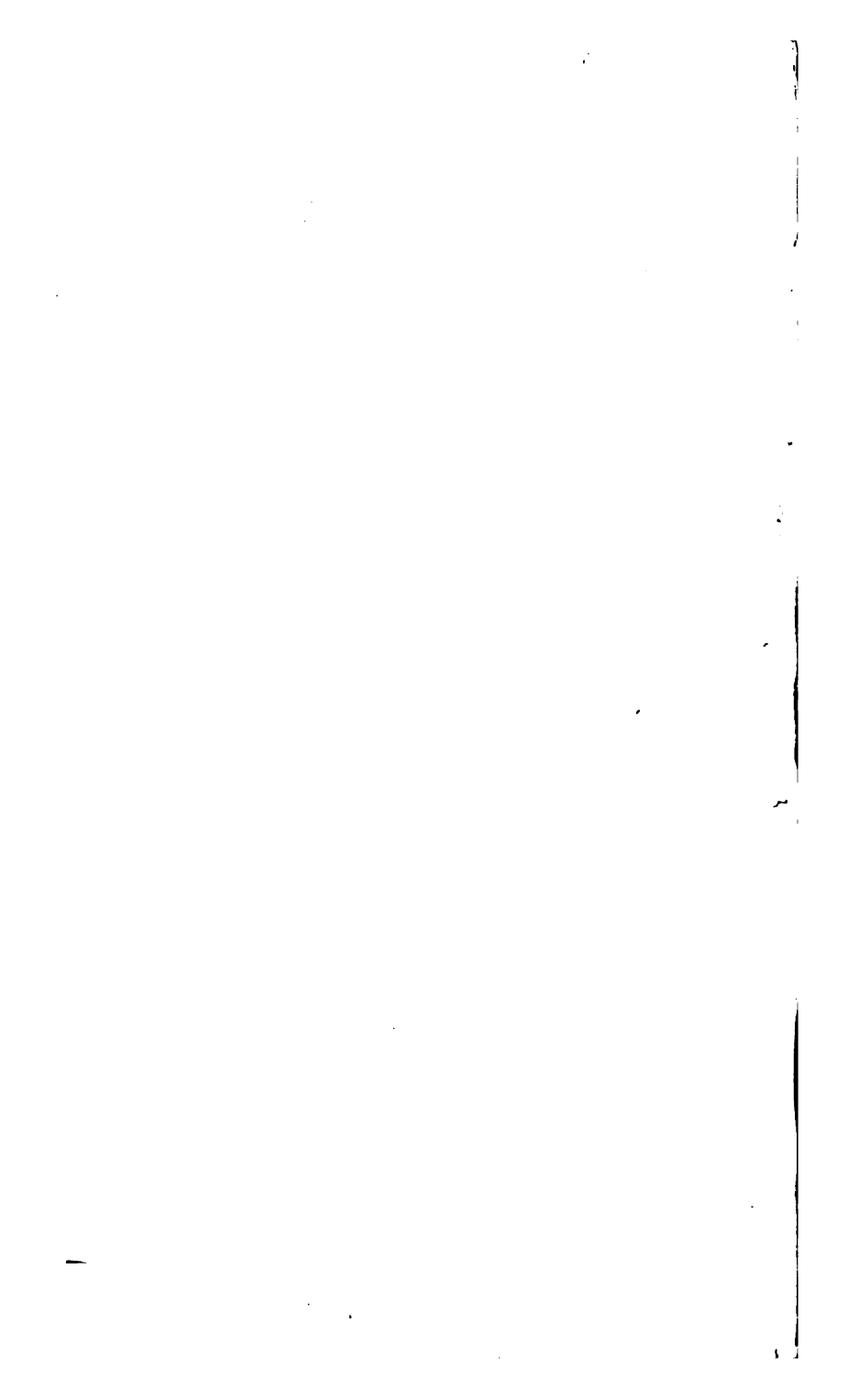
2. Spore-case.

3. Spores.



J. Fitch del.

A. Polytaenium B. Anetium.



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---

BY

**THOMAS MOORE, F.L.S., F.R.H.S.,**

AUTHOR OF "THE HANDBOOK OF BRITISH FERNS; "THE  
FERNS OF GREAT BRITAIN AND IRELAND, NATURE PRINTED," &c.;

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*palmata*, Klfs.—*Asplenium rutæfolium*,  $\delta$ .  
*polypodioides*, Willd. Hb. (Klfs. En. 181; Metten. Aspl. 116).  
*prolifera*, Willd.—*Asplenium Fabianum*.  
*pteridis*, Bory.—*Asplenium flexuosum*.  
*rhizophylla*, Sm.—*Asplenium rhizophyllum*.  
*rutæfolia*, Sm.—*Asplenium rutæfolium*.  
*scandens*, Fée.—*Asplenium scandens*.  
*Stans*, Bory.—*Asplenium rutæfolium*,  $\beta$ .  
*tenera*, Spreng.—*Asplenium tenerum*.  
*? thalictroides*, Fée.—*Asplenium thalictroides*.  
*triloba*, Desv.—*Asplenium cicutarium*.  
*trilobata*, Desv.—*Asplenium cicutarium*.  
*tripinnata*, Cav.—? *Asplenium myriophyllum*.  
*violascens*, Bory.—*Asplenium violascens*.  
*viridans*, Bory.—*Asplenium viridans*.  
*vivipara*, Sm.—*Asplenium viviparum*.  
*vivipara*, Ham. Hb.—*Asplenium inæquale*.

**Dareastrum**, Fée, *Gen. Fil.* 190. (§)=**ASPLENIUM**.

**DAVALLIA**, Smith, *Mem. Acad. Scien. Turin* v. 414, t. 9.  
 [Synops. xciii.]

*achilleæfolia*, Wall.—*Lomariopsis limonifolia* (abnorm. ster. fr.)

*aculeata*, Sm. *Act. Taur.* v. 415.—W. Indies: Portorico,  
 Cuba (*Wright* 899 in part—Hb. Hook., 960), St. Domingo,  
 Jamaica, Dominica, Gaudeloupe.—*Plum.* t. 94; Sloane,  
*Jam.* i. t. 61.

*Davallia aculeata*, Sw. *Fl. Ind. Occ.* iii. 1699; *Id. Schrad. Journ.* 1800,  
 ii. 89; *Id. Syn. Fil.* 134; *Willd. Sp. Pl.* v. 479; *Desv. Prod.* 316;  
*Spreng. Syst.* 121; *Presl. Tent. Pter.* 129; *Hook. Sp. Fil.* i. 191, in  
 part—f. Kze., et t. 54 B; *Kze. Bot. Zeit.* viii. 211; *Lowe, Ferns*  
 viii. t. 28.

*Adiantum aculeatum*, Lin. *Sp. Pl.* 1559; *Lam. Enc. Bot.* i. 44.

*Lindsea aculeata*, Desv. *Ham. Fl. Ind. Occ.*—f. Desv.

*Microlepia aculeata*, Metten. *Fil. Lips.* 103.

*Odontosoria aculeata*, J. Sm. *Cat. Ferns* 67.

*Stenoloma aculeatum*, Fée, *Gen. Fil.* 330, t. 27 bis, fig. 4.

*Trichomanes aculeatum*, Poir. *Enc. Bot.* viii. 81.

*aculeata*, Hedw.—*Davallia fumarioides*.

*aculeata*, Spr.—*Davallia flexuosa*.

*adiantifolia*, Hook.—*Acrophorus adiantoides*.

*adiantoides*, Sw.—*Dicksonia Plumieri*.

*affinis*, Hook.—*Acrophorus affinis*.

*alata*, Bl.—*Prosaptia Emersoni*.

*alata*, Hew.—*Microlepia inæqualis*,  $\beta$ .

*alata*, J. Sm.—*Davallia decurrens*.

*alpina*, Bl.—*Humata alpina*.

*amboynensis*, Hook.—*Microlepia moluccana*.  
*angustata*, Wall.—*Humata angustata*.  
*angustifolia*, Roxb.—*Humata angustata*.  
*arborescens*, Hort.—*Davallia pyxidata*.  
*arborescens*, Willd.—*Dennstaedtia obtusifolia*.  
*asplenioides*, M.—India.

*Humata asplenioides*, Desv. *Prod.* 324; Kze. *Bot. Zeit.* viii. 71, 256.

*attenuata*, Hort. Lodd.—*Davallia elegans*.

*Belangeri*, Bory.—*Humata alpina*.

*Berteriana*, Colla.—*Dicksonia Berteroana*.

*bidentata*, Schkr.—*Davallia elegans*.

*bifida*, Klfs.—*Acrophorus bifidus*.

*biflora*, Klfs. *Enum.* 221.—Manilla.

*Davallia biflora*, Presl, *Tent. Pter.* 129; Hook. *Sp. Fil.* i. 190; Kze. *Bot. Zeit.* viii. 193.

*Microlepia biflora*, Metten. *Fil. Lips.* 104, in obs.

? *bipinnata*, Hook.—*Davallia uncinella*.

*bipinnatifida*, Bl.—*Humata bipinnatifida*.

*biserrata*, Bl.—*Microlepia pinnata*.

*Blumeana*, Hook.—*Acrophorus tenuifolius*.

*Boryana*, Presl.—*Acrophorus repens*.

*brasiliensis*, Hook.—*Microlepia brasiliensis*.

*bullata*, Wall. *Cat.* 258.—India: Nepal, Assam, Sylhet, Khasya (*Hook. fl. et Th.* 317), Mergui; Penang, Singapore.

*Davallia bullata*, Hook. *Sp. Fil.* i. 169, t. 50 B; Kze. *Bot. Zeit.* viii. 89; Fée, *Gen. Fil.* 329; Moore, *Gard. Chron.* 1855, 532 with fig.; J. Sm. *Cat. Ferns* 66; Lowe, *Ferns* viii. t. 28.

—*β. argyrolepis*, M.—Japan; Tsus-Sima (*Wright* 563).

*calvescens*, Hook.—*Microlepia urophylla*.

*campyloptera*, Kze.—*Loxoscaphe concinnum*.

*campylura*, Kze.—*Microlepia campylura*.

*canariensis*, Sm. *Mem. Acad. Turin.* v. 414, t. 9, fig. 6.—

Canaries; Maderia; Teneriffe (*Bourg.* 24, 1552); Cape Verd Isl.; Tangier; Barbary; Europe merid. occ.; Portugal; Spain (*Bourg.* 510).—*Lam.* III. 870, fig. 2—f. Poir. (bad); Pluk. t. 291, fig. 2.

*Davallia canariensis*, Sw. *Schrad. Journ.* 1800, ii. 88; *Id. Syn. Fil.* 134; Willd. *Sp. Pl.* v. 474; Klfs. *Enum.* 223; Desv. *Prod.* 315; Spreng. *Syst.* 120; Lodd. *Cab.* t. 143; Presl, *Tent. Pter.* 129; Link. *Fil.* Sp. 43; Hook. *Sp. Fil.* i. 169, t. 58 A; Fée, *Gen. Fil.* 329; Brack. *U. S. Expl. Exped.* xvi. 243; Metten. *Fil. Lips.* 102; Kze. *Lín.* xxiii. 248; *Id. Bot. Zeit.* viii. 89; Lowe, *Ferns* viii. t. 12.

*Cenopteris canariensis*, Willd. *Phytog.* i.—f. Sw.

*Polypodium lusitanicum*, Lín. *Sp. Pl.* 1556.

*Polypodium montanum*, var. A, Poir. *Enc. Bot.* v. 539.

[Gen. 47, Sp. 1171.]

- Trichomanes canariense*, *Lin. Sp. Pl.* 1562; *Jacq. Icon. Rar.* 1. t. 200; *Poir. Enc. Bot.* viii. 81.  
*Trichomanes montanum*, *Salisb. Prod.* 404.  
 — *β. pulchella*, *Moore, Sim, Cat. Ferns* 1859, 34.—Madeira.  
*Davallia pulchella*, *of gardens.*  
*capillacea*, *Willd. Sp. Pl.* v. 479.—St. Domingo.  
*Davallia capillacea*, *Desv. Prod.* 315; *Hook. Sp. Fil.* 1. 190; *Kze. Bot. Zeit.* viii. 194.  
*Adiantum capillaceum*, *Plum. Fil.* t. 99 D.  
*Trichomanes capillaceum*, *Lin. Sp. Pl.* 1562; *Poir. Enc. Bot.* viii. 83; *Desv. Prod.* 323.  
*caudata*, *Cav. Praelect.* (1801) 279.—Philippines; Java.—*Drege (Ind.)* 16.  
*Davallia caudata*, *Sw. Syn. Fil.* 132; 346; *Willd. Sp. Pl.* v. 472; *Poir. Enc. Supp.* v. 351; *Desv. Prod.* 315; *Spreng. Syst.* 119; *Hook. Sp. Fil.* 1. 164; *Kze. Bot. Zeit.* viii. 86.  
*Parestia caudata*, *Presl, Epim. Bot.* 100.  
*caudata*, *Wall.*—*Davallia solida.*  
*chærophylla*, *Wall.*—*Acrophorus pulcher.*  
*chærophylloides*, *Steud. Nom. Bot. Crypt.* 146.—Madagascar.  
*Humata chærophylloides*, *Desv. Prod.* 325.  
*Trichomanes chærophylloides*, *Poir. Enc. Bot.* viii. 80.  
*chinensis*, *Sm.*—*Davallia tenuifolia*, *γ.*  
*chusana*, *Willd.*—*Davallia tenuifolia*, *β.*  
*ciliata*, *Presl. (Steud. Nom. Bot.)* 146.)  
*ciliata*, *Hook.*—*Microlepia hirsuta.*  
*clavata*, *Sm. Mem. Acad. Turin* v. 415.—W. Indies: Jamaica; Martinique; Cuba, (*Lind.* 1871; *Wright* 961); Bahamas.—*Plum. t.* 101 B.  
*Davallia clavata*, *Sw. Schrad. Journ.* 1800, ii. 88; *Id. Syn. Fil.* 133; *Willd. Sp. Pl.* v. 478; *Desv. Prod.* 315; *Spreng. Schrad. Journ.* 1799, ii. 271; *Id. Syst.* 120; *Presl, Tent. Pter.* 129; *Hook. Sp. Fil.* 1. 187; *Kze. Bot. Zeit.* viii. 191.  
*Davallia tenuifolia*, *Pöpp. Fil. Essic. Cub.*—f. *Kze.*  
*Davallia venusta*, *Schr. Crypt.* 122, t. 128; *Kze. Lin.* ix. 87.  
*Adiantum clavatum*, *Lin. Sp. Pl.* 1569; *Lam. Enc. Bot.* i. 43.  
*Lindsaea angustifolia*, *Bernh. Aspl. Act. Erf.* 1802, 14.  
*Microlepia venusta*, *Matten. Fil. Lips.* 104.  
*Stenoloma clavatum*, *Fée, Gen. Fil.* 330, t. 27 bis, fig. 3.  
*Stenoloma venusta*, *Matten. Fil. in Ind.*  
*concinna*, *Presl.*—*Dennstædtia concinna.*  
*concinna*, *Schrad.*—*Loxoscaphe concinnum.*  
*concinna*, *Schimp.*—*Loxoscaphe Schimper.*  
*contigua*, *Spreng.*: *Sw.*—*Prosaptia contigua.*  
*coniifolia*, *Wall.*—*Davallia elegans*, *β.*  
*corcovadensis*? *Lodd. Cat.*: *Kze. Lin.* xxiii. 248.—Brasil.  
*cordifolia*, *Reinw.*—*Humata pedata.*

*cordifolia*, Roxb.—? *Humata pedata*.

*corniculata*, M.\*—Java (*Lobb* 220).

*Davallia epiphylla*, *Bl. Enum.* 235.—*f. spec.* Hb. Hook.

*oristata*, Reinw.—*Lindsaea retusa*.

*cumanensis*, Kl. MS.—*Loxoscaphe theciferum*.

*Cumingii*, Hk.—*Humata lepidota*.

*cuneata*, Spreng.—*Lindsaea trichomanoides*.

? *cuneifolia*, Hook.—*Acrophorus cuneifolius*.

*cuneiformis*, Sw. *Schrad. Journ.* 1800, ii. 87; *Id. Syn. Fil.* 133, 349.—Pacific Islands.

*Davallia cuneiformis*, *Willd. Sp. Pl.* 477; *Spreng. Syst.* 120; *Desv. Prod.* 316; *Presl, Tent. Pter.* 129; *Hook. Sp. Fil.* l. 190; *Kze. Bot. Zeit.* viii. 193.

*Davallia didyma*, *Hedw. Fil. fasc. 4.—f. Sw.*; t. 22.—*f. Pritz.* *Trichomanes cuneiforme*, *Forst. Prod.* n. 469; *Poir. Enc. Bot.* viii. 80.

*dealbata*, A. Cunn.—*Loxosoma Cunninghamii*.

*decora*, *Moore, Sim, Cat. Ferns*, 1859, 39.—Java; Penang.

*Davallia dissecta*, *Hort.* in part.

*decurrens*, *Hook. Sp. Filicum* i. 167, t. 44 B.—Philippine Islands (*Cuming* 350).

*Davallia decurrens*, *Kze. Bot. Zeit.* viii. 88.

*Davallia alata*, *J. Sm. Hook. Journ. Bot.* iii. 417.

*Microlepia decurrens*, *Fée, Gen. Fil.* 326.

*Denhami*, Hook.—*Microlepia Denhami*.

*didyma*, *Hedw.*—*Davallia cuneiformis*.

*digitata*, Klfs. Hb.—*Acrophorus repens*,  $\gamma$ .

*dissecta*, *J. Sm. MS.*: *Moore et Houlst. Gard. Mag. Bot.* iii. 325.—Java.

*Davallia dissecta*, *Moore, Gard. Chron.* 1855, 469 with fig.; *J. Sm. Cat. Kew Ferns* 1858; *Id. Cat. Ferns* 66; *Lowe, Ferns* viii. t. 20.

*dissecta*, *Hort.* in part.—*Davallia decora*.

*distans*, Klfs.—*Microlepia distans*.

---

\* *D. corniculata*: fronds ovate acuminate, 1-1½ foot long, smooth, coriaceous, tripinnate; pinnae elongately triangular acuminate; pinnules ovate-lanceolate, the secondary ones (or segments) small sessile (more or less confluent upwards), linear-oblong, acute, cuneate at the base, inciso-serrate where barren, less deeply toothed where fertile, with the points of the teeth prolonged into little curved horns; sori numerous, small, swollen upon the upper surface; involucre roundish cup-shaped, with a truncated mouth.—This fern, like *D. elata*, with which it has been associated, is marked with vein-like striae on the lower surface, but is very distinct from it in its outline and general character, as well as in the sori. It is remarkable for its comparatively small size, and its neat finely-cut divisions, the teeth of which in the fertile parts are very generally prolonged into little horns, projecting beyond the sori.

[Gen. 47. Sp. 1181.]

divaricata, *Bl. Enum.* 237.—Java; Singapore; Penang; Malacca; Mishmee; Hong Kong (J. Sm.).

*Davallia divaricata*, *Presl, Tent. Pter.* 129; *Hook. Sp. Fil.* 1. 167; *Kze.*

*Bot. Zeit.* viii. 87; *J. Sm. Cat. Ferns* 66; *Id. Bot. Voy. Her.* 430.

*Davallia polyantha*, *Hook. Sp. Fil.* 1. 168, t. 59 A.—f. J. Sm.; *Kze. Bot. Zeit.* viii. 88; *Moore, Synopsis* ante xciii.; *Lowe, Ferns* viii. t. 23.

*Microlepia polyantha*, *Fée, Gen. Fil.* 327.

—*β. gracilis*, *Bl. Enum.* 237.—Java.

*divaricata*, Schlech.—*Davallia Schlechtendalii*.

*divergens*, Kze.—*Microlepia trichosticha*.

*domingensis*, Spreng.—*Dicksonia Plumieri*.

*dubia*, R. Br.—*Dicksonia dubia*.

*dumosa*, *Sw. Syn. Fil.* 135, 353.—W. Indies: Cuba (*Lind.* 1757; *Wright* 898).

*Davallia dumosa*, *Willd. Sp. Pl.* 490; *Poir. Enc. Supp.* v. 551; *Desv.*

*Prod.* 315; *Spreng. Syst.* 121; *Kze. Lin.* ix. 88 (et *Fil. Pöppigiana*); *Presl, Tent. Pter.*

*Id. Bot. Zeit.* viii. 212 (et var. *Pöppigiana*); *Presl, Tent. Pter.*

129; *J. Sm. Lond. Journ. Bot.* i. 428.

*Davallia fumaroides*, *Pöpp. Fil. exsic.*—f. Kze.

*Davallia thalictroides*, *Presl, Tent. Pter.* 129; *Hook. Sp. Fil.* 1. 190;

*Kze. Bot. Zeit.* viii. 194.

*Stenoloma damosum*, *Fée, Gen. Fil.* 330, t. 27 B. fig. 2.

*elata*, *Spreng. Schrad. Journ.* 1799, ii. 271; *Id. Syst.* 120.—

Tahiti; Samoan Islands, Apia Bay; Java; Sumatra;

Philippine Islands; Mauritius; Madagascar.

*Davallia elata*, *Sw. Schrad. Journ.* 1800, ii. 87; *Id. Syn. Fil.* 131, 344;

*Schkr. Crypt.* 120, t. 127 b; *Willd. Sp. Pl.* v. 472; *Bl. Enum.* 236;

*Presl, Tent. Pter.* 129; *Hook. Sp. Fil.* 1. 168, t. 55 A; *Kze. Bot.*

*Zeit.* viii. 86; *Fée, Gen. Fil.* 329; *Brack. U.S. Expl. Exped.* xvi.

247.

*Humata elata*, *Desv. Prod.* 325.

*Parestia elata*, *Presl, Epim. Bot.* 100.

*Trichomanes elatum*, *Forst. Prod.* n. 474; *Poir. Enc. Bot.* viii. 79.

*Wibelia elata*, *Bernh. Schrad. Journ.* 1800, ii. 122, t. 1, fig. 2 a, b.

—*β. epiphylla*, M.—Pacific Isles.

*Davallia epiphylla*, *Spreng. Schrad. Journ.* 1799, ii. 271; *Sw. Schrad.*

*Journ.* 1800, ii. 88; *Id. Syn. Fil.* 134, 352; *Schkr. Crypt.* 120,

t. 127 b; *Willd. Sp. Pl.* v. 473; *Presl, Tent. Pter.* 128; *J. Sm.*

*Lond. Journ. Bot.* i. 428.

*Humata epiphylla*, *Desv. Prod.* 325.

*Parestia epiphylla*, *Presl, Epim. Bot.* 100.

*Trichomanes epiphyllum*, *Forst. Prod.* n. 471; *Poir. Enc. Bot.* viii. 81.

*Wibelia multifida*, *Bernh. Schrad. Journ.* 1800, ii. 122, t. 1, fig. 2 c (excl.

syn. *Forst.*)

*elegans*, *Sw. Schrad. Journ.* 1800, ii. 87; *Id. Syn. Fil.* 132,

347—China; Canton; Penang; Singapore; Borneo;

Moluccas; India: Tranquebar, Madras, Mergui (*Griffith*

67), Rangoon; Ceylon; Feejee Islands; Tahiti; Ma-

dagascar; Tropical New Holland.

*Davallia elegans*, *Willd. Sp. Pl.* v. 471; *R. Br. Prod. Fl. Nov. Holl.*

- 157; *Bl. Enum.* 235; *Wall. Cat.* 253; *Spreng. Syst.* 119; *Presl, Tent. Pter.* 128; *Hook. Sp. Fil.* i. 164 (incl.  $\beta$ . e.  $\zeta$ .); t. 43 A; *J. Sm. Hook. Journ. Bot.* iii. 417; *Id. Lond. Journ. Bot.* i. 428; *Fée, Gen. Fil.* 329; *Kze. Bot. Zeit.* iv. 459; viii. 88; *Id. Lin.* xliii. 248; *Metten. Fil. Lips.* 101, t. 27, fig. 19, 20; *Brack. U.S. Expl. Exped.* xvi. 247; *Lowe, Ferns* viii. t. 22.
- Davallia attenuata*, *Hort.*; *Kze. Lin.* xliii. 247.
- Davallia bidentata*, *Schkr. Crypt.* 119, t. 127.
- Davallia Kunzeana*, *Hort. Germ.*—f. *Backh.*
- Davallia Lindleyi*, *Hort.*; *J. Sm. Cat. Ferns* 66; *Lowe, Ferns* viii. t. 17.
- Adiantum denticulatum*, *Houtt. Pfl. Syst.* xiii. 254, t. 100, fig. 2. (excl. syn.)—f. *Willd.*
- Humata elegans*, *Desv. Prod.* 324.
- Parestia elegans*, *Presl, Epim. Bot.* 99.
- Trichomanes denticulatum*, *Houtt. Nat. Hist.* par. 2, 212, t. 100, fig. 2.—f. *R. Br.*
- Trichomanes elegans*, *Poir. Enc. Bot.* viii. 79.
- Trichomanes lucidum*, *Roxb. Calc. Journ. Nat. Hist.* iv. 519.
- $\beta$ . *coniifolia*, *Hook. Sp. Fil.* i. 165.—Rangoon; Tavoy; Java (*Zoll.* 147); Philippine Islands (*Cuming* 77); Ceylon (*Coll. Perad.* 3078); Hong Kong.
- Davallia coniifolia*, *Wall. Cat.* 252.
- Davallia elegans*,  $\gamma$ . *subunidentata*, *Hook. Sp. Fil.* i. 165, t. 43 B.
- elegans*, *Kze. Hb.*—*Davallia solida*.
- Emersoni*, *Hook. et Grev.*—*Prosaptia Emersoni*.
- Emersoni*,  $\beta$ . *Hook.*—*Prosaptia Emersoni*.
- emirnensis*, *Hook. MS.*—*Acrophorus Goudotianus*.
- epiphylla*, *Spreng.*: *Sw.*—*Davallia elata*,  $\beta$ .
- epiphylla*, *Bl.*—*Davallia corniculata*.
- falcata*, *Sw. Schrad. Journ.* 1800, ii. 87; *Id. Syn. Fil.* 131, 340.—India.
- Davallia falcata*, *Willd. Sp. Pl.* v. 468; *Spreng. Syst.* 119.
- Humata falcata*, *Desv. Prod.* 324.
- Trichomanes falcatum*, *Poir. Enc. Bot.* viii. 78.
- falcata*, *Sm.*—*Nephrolepis exaltata*.
- falcinella*, *Presl.*—*Acrophorus falcinellus*.
- feejeensis*, *Hook. Sp. Fil.* i. 166, t. 55 D.—Feejee Islands.
- Davallia feejeensis*, *Kze. Bot. Zeit.* viii. 87; *Fée, Gen. Fil.* 329; *Brack. U.S. Expl. Exped.* xvi. 246.
- Stenolobus feejeensis*, *Presl, Epim. Bot.* 99.
- ferruginea*, *Cav.*—*Davallia tenuifolia*,  $\beta$ .
- ferulacea*, *M.*—Feejee Islands.
- Davallia trichomanoides*, *Hook. 2nd Cent. Ferns*, t. 64, non *Bl.*
- flaccida*, *Sw.*—*Dennstaedtia flaccida*.
- flaccida*, *Hook. et Arn.* (in part).—*Acrophorus jamaicensis*.
- flaccida*, *R. Br.*—*Microlepia Speluncæ*.
- flagellifera*, *Wall.*—*Microlepia pinnata*.
- flexuosa*, *Spreng. Sieb. Fl. Mart. Supp.* 23.—W. Indies; St. Domingo, Martinique.

- Davallia flexuosa*, Presl, *Tent. Pter.* 129; *Kze. Bot. Zeit.* viii. 194, 213.  
*Davallia aculeata*, Spreng. *Atl.* iii. 150, t. 5, fig. 37.—f. Hb. Kfhs.: Röm.
- paniculacea*, Hook.—*Loxoscaphe fœniculaceum*.
- fumarioides*, Sw. *Schrad. Journ.* 1800, ii. 89; *Id. Flor. Ind.* Occ. iii. 1701; *Id. Syn. Fil.* 135.—W. Indies: Jamaica, Cuba, St. Domingo.
- Davallia fumarioides*, Schkr. *Crypt.* 123, t. 129; *Willd. Sp. Pl.* v. 480; *Desv. Prod.* 315; *Spreng. Syst.* 121; *Presl, Tent. Pter.* 129; *Hook. Sp. Fil.* i. 191; *J. Sm. Lond. Journ. Bot.* i. 428; *Kze. Lin.* xxiii. 248; *Id. Bot. Zeit.* viii. 214.
- Davallia aculeata*, Hedw. *Fil. fasc.* iv. t. 23.  
*Acrostichum aculeatum*, Lin. *Sp. Pl.* 1530; *Lam. Enc. Bot.* i. 37.  
*Stenoloma fumarioides*, Fée, *Gen. Fil.* 330, t. 27 bis, fig. 6 (stipes).  
*Trichomanes aculeatum*, Sw. *Prod.* 137.  
*Trichomanes fumarioides*, Poir. *Enc. Bot.* viii. 82.
- fumarioides*, Pöpp.—*Davallia dumosa*.  
*? Gaimardiana*, Presl.—*Humata Gaimardiana*.  
*gibberosa*, Sw.—*Loxoscaphe gibberosum*.
- glaucæ*, Cav. *Prælect.* (1301) 278.—Peru: Cordilleras.
- Davallia glauca*, Sw. *Syn. Fil.* 134; *Willd. Sp. Pl.* v. 474; *Poir. Enc. Supp.* v. 351; *Desv. Prod.* 315; *Spreng. Syst.* 120; *Hook. Sp. Fil.* i. 194; *Kze. Bot. Zeit.* viii. 254.
- glaucescens*, Hedw.—*Loxoscaphe gibberosum*.  
*glutinosa*, Wall. Hb.—*Dicksonia appendiculata*.  
*Goudotiana*, Kze.—*Acrophorus Goudotianus*.  
*gracilis*, Bl.—*Microlepia pinnata*, B.
- Griffithiana*, Hook. *Sp. Fil.* i. 168, t. 49 B.—North India: Assam; China: Chusan; Tung-tau.
- Davallia Griffithiana*, Kze. *Bot. Zeit.* viii. 88; *Fée, Gen. Fil.* 329.
- β. pseudo-striata*, Hook. *Sp. Fil.* i. 168.—Khasya.
- hemiptera*, Bory.—*Acrophorus hemipterus*.  
*heterophylla*, Sm.—*Humata heterophylla*.  
*hirta*, Kfhs.—*Microlepia hirta*.
- hirsuta*, Sw. *Schrad. Journ.* 1800, ii. 87; *Id. Syn. Fil.* 131, 343.—Japan; India (Poir.)
- Davallia hirsuta*, Willd. *Sp. Pl.* v. 469; *Poir. Enc. Supp.* v. 380; *Spreng. Syst.* 119; *Hook. Sp. Fil.* i. 194; *Kze. Bot. Zeit.* vi. 542; vii. 254.
- Humata hirsuta*, Desv. *Prod.* 324.  
*Trichomanes hirsutum*, Thunb. *Fl. Jap.* 339 (excl. syn.)—f. Willd.  
*Trichomanes japonicum*, Poir. *Enc. Bot.* viii. 79.
- hispidæ*, Hew.—*Acrophorus hispidus*  
*Hookeriana*, Wall.—*Microlepia Hookeriana*.  
*humilis*, Hook.—*Cystopteris fragilis*, δ.  
*immersa*, Wall.—*Acrophorus immersus*.  
*Imrayana*, Hook.—*Acrophorus Imrayanus*.  
*inaequalis*, Kze.—*Microlepia inaequalis*.

- inaequalis*, γ. Hook.—*Microlepia campylura*.  
*intermarginalis*, Bl.—*Humata intermarginalis*.  
*jamaicensis*, Hook.—*Acrophorus jamaicensis*.  
*japonica*, Sw.—*Microlepia japonica*.  
*khasyana*, Hook.—*Microlepia strigosa*.  
*Kunzeana*, Hook.—*Schizoloma davallioides*.  
*Kunzeana*, Hort. Germ.—*Davallia elegans*.  
*lanceolata*, Steud.—*Trichomanes meifolium*.  
*Lapeyrousii*, Hook. 2nd Cent. Ferns, t. 56.—Feejee Islands ;  
 Vanikolla.  
*lenta*, Steud. Nomencl. Bot. 146.—Madagascar.  
*Davallia lenta*, Desv. Prod. 315 ; Kze. Bot. Zeit. viii. 214.  
*Trichomanes lentum*, Poir. Enc. Bot. viii. 80.  
*lepida*, Presl.—*Humata lepida*.  
*L'Herminieri*, Kze.—*Microlepia L'Herminieri*.  
*ligulata*, Wall.—*Acrophorus pulcher*.  
*Lindeni*, Hook.—*Loxoscaphe theciferum*.  
*Lindleyi*, Hook. Sp. Fil. i. 163. t. 58 B.—? New Zealand ;  
 Feejee Islands.  
*Davallia Lindleyi*, Kze. Bot. Zeit. viii. 85 ; Fée, Gen. Fil. 329.  
*Lindleyi*, Hort.—*Davallia elegans*.  
*lobata*, Desv. Prod. 315.—Java.  
*Davallia lobata*, Hook. Sp. Fil. i. 194.  
*Adiantum lobatum*, "Poir." Steud. Nom. Bot. 275.  
*Lindsaea lobata*, Poir. Enc. Supp. iii. 448.  
 (An *Schizoloma davallioides*).  
*Lobbiana*, M.\*—Borneo : Sarawak (Lobb 194.)  
*lobulosa*, Wall.—*Humata heterophylla*.  
*lonchitidea*, Wall.—*Microlepia platyphylla*.  
*longifolia*, Roxb.—*Prosaptia Emersoni*, B.  
*longula*, Kze.—*Humata longula*.  
*luzonica*, Hook.—*Microlepia pinnata*, B.  
*Macraana*, Hook. et Arn.—*Acrophorus repens*.

\* *D. Lobbiana* : fronds rather large, triangular-ovate, caudate, bipinnate, smooth, coriaceous; pinnae (1 foot) obliquely elongate-triangular caudate; pinnules oblique, broadest at the base, attenuated, shortly stalked, deeply pinnatifid, auriculate, the lower anterior segment being largest; segments linear-oblong obtuse, subauriculate,  $\frac{1}{2}$ -1 $\frac{1}{2}$  in. long, larger in the sterile or partially fertile fronds, entire except the lowest which is crenato-lobate; sori in a line near each margin, the involucre entire, transversely oblong, their mouth obliquely directed upwards.—This very distinct species of *Davallia* was sent by Mr. Lobb, from Borneo to Mr. Veitch, to whom we are indebted for specimens. Its very broad shallow oblique involucre, arranged with all the regularity of those of *Humata Gaillardiana*, almost bring it into *Loxoscaphe*, but the sori are not at all darcoid, neither does it accord with *Humata*, the involucre being attached at the sides as well as by the base:

[Gen. 47. Sp. 1196.]



*madagascariensis*, Kze.—*Microlepia madagascariensis*.

*magellanica*, Desv.—*Davallia solida*.

*majuscula*, Lowe.—*Microlepia majuscula*.

*marginata*, Wall.—*Polypodium marginatum*.

*manilensis*, Goldm.—*Microlepia manilensis*.

*mauritiana*, Hook. *Sp. Fil.* i. 164, t. 55 B.—Mauritius.

*Davallia mauritiana*, Kze. *Bot. Zeit.* viii. 85; *Fée*, *Gen. Fil.* 329.

*Stenolobus mauritianus*, Presl, *Epim. Bot.* 99.

*meifolia*, H.B.K. *Nov. Gen.* i. 23.—Caraccas; Panama.

*Davallia meifolia*, Presl, *Rel. Hark.* i. 67; *Id. Tent. Pter.* 129; Spreng.

*Syst.* 121; Hook. *Sp. Fil.* i. 189; Kze. *Bot. Zeit.* viii. 192.

*Ctenopteris fumarioides*, Desv. *Prod.* 268.

*Darea fumarioides*, H.B.; Willd. *Sp. Pl.* v. 299; Poir. *Enc. Suppl.* ii. 454.

*membranulosa*, Wall.—*Acrophorus membranulosus*.

*mitis*, Kze. *Bot. Zeit.* viii. 214.—Guiana.

*mollis*, Kze.—*Microlepia mollis*.

*moluccana*, Bl.—*Microlepia Blumei*.

*moluccana*, Roxb.—*Microlepia moluccana*.

*Moritziana*, Kl. MS.—*Humata Moritziana*.

*Moorei*, Hook. *2nd Cent. Ferns*, t. 53.—New Caledonia (*C. Moore* 5).

*mucronata*, Moritz.—*Davallia stenomera*.

*mucronata*, Bl. *Enum.* 235.—Java (*Zoll.* 1964).

*Davallia mucronata*, Hook. *Sp. Fil.* i. 167; Kze. *Bot. Zeit.* vi. 216; viii. 87.

*multifida*, Sw.—*Microlepia Speluncæ*.

*multiflora*, Roxb.—*Nephrolepis hirsutula*.

*nepalensis*, Spreng.—*Microlepia Speluncæ*.

*nigrescens*, Kze. Hb.—*Microlepia inæqualis*, γ.

*nigrescens*, Hook.—*Loxoscapha nigrescens*.

*nitida*, Desv. Hb.—*Davallia solida*.

*nitidula*, Kze. *Lin.* x. 545; *Id. Schkr. Suppl.* 77, t. 37, fig. 2; *Id. Bot. Zeit.* viii. 86.—South Africa; Natal.

*Davallia nitidula*, Hook. *Sp. Fil.* i. 165, t. 44 A; *Fée*, *Gen. Fil.* 329; *Pappe et Rave. Syn. Fil. Afr. Aust.* 24.

? *nodosa*, Hook.—*Acrophorus nodosus*.

*novæ-zelandiæ*, Colenso.—*Acrophorus hispidus*.

*ornata*, Wall. *Cat.* 246.—Malacca, Mergui; Penang; Singapore (*Rob. Schomb.* 27); Java.

*Davallia ornata*, J. Sm. *Lond. Journ. Bot.* i. 428; *Id. Cat. Ferns* 65; *Lowe, Ferns* viii. t. 24.

*Davallia solida*, β. *latifolia*, Hook. *Sp. Fil.* i. 163, t. 43 B.

*Stenolobus ornatus*, Presl, *Tent. Pter.* 130.

[*Gen.* 47. *Sp.* 1205.]

*parallela*, Wall.—Humata Gaimardiana.

*Parkeri*, Hook.—Acrophorus Parkeri.

*parviflora*, Steud.—Trichomanes parviflorum.

*parvula*, Wall.—Acrophorus parvulus.

*patens*, Sw. *Syn. Fil.* 182, 348.—India; Java (*Zoll.* 1480, 2621); Sooloo Island.

*Davallia patens*, Willd. *Sp. Pl.* v. 473; *Poir. Enc. Supp.* v. 350; *Spreng. Syst.* 120; *Bl. Enum.* 236; *Presl, Tent. Pter.* 129; *Hook. Sp. Fil.* i. 166; *Kze. Bot. Zeit.* iv. 459; vi. 234; viii. 87; *Brack. U.S. Expl. Exped.* xvi. 247.

*Humata patens*, Desv. *Prod.* 325.

—*β. tenuioris*, Hook. *Sp. Fil.* i. 166.—Moluccas.

*Davallia patens*, *β.* *Bl. Enum. Fil. Jac.* 236.

*pectinata*, Sm.—Humata pectinata.

*pectinata*, Bl.—Prosaptia pectinata.

*pectinata*, Meyen Hb.—Prosaptia Emersoni.

*pedata*, Sm.—Humata pedata.

*pellucida*, Desv. *Prod.* 316.—Mascaren Islands,

*Davallia pellucida*, Hook. *Sp. Fil.* i. 194.

*pentaphylla*, Bl. *Enum.* 232.—Java (*Zoll.* 1778, 8412; *Lobb* 255); ? New Hebrides.

*Davallia pentaphylla*, Hook. *Sp. Fil.* i. 163; *Id. Fil. Exot.* i. t. 87; *Kze. Bot. Zeit.* iv. 458; viii. 71; *Id. Schkr. Supp.* ii. 19, t. 108; *J. Sm. Lond. Journ.* i. 428; *Id. Cat. Ferns* 65; (excl. syn. Hook.); *Moore et Houlst. Gard. Mag. Bot.* iv. 325 with tab.; *Mett. Fil. Lips.* 101; *Lowe, Ferns* viii. t. 18.

*Humata pinnata*, Desv. *Prod.* 324, t. 8, fig. 1.

*Scyphularia pentaphylla*, Fée, *Gen.* 325, t. 26 B, fig. 1.

*Stenolobus pentaphyllus*, Presl, *Epim. Bot.* 99.

*pentaphylla*, J. Sm.—Davallia triphylla.

*pentaphylla*, Brack.—Davallia pycnocarpa.

*pilosa*, Roxb.—Microlepia Speluncæ.

*pilosella*, Hook.—Microlepia pilosella.

*pilosula*, Wall.—Microlepia Speluncæ.

*pinnata*, Cav.—Microlepia pinnata.

*pinnatifida*, Sw.—Humata heterophylla.

*platyphylla*, Don.—Microlepia platyphylla.

*Pohlana*, Kze.—Microlepia brasiliensis.

*polyantha*, Zipp. MS.—Humata vestita.

*polyantha*, Hook.—Davallia divaricata.

*polypodioides*, Don.—Microlepia Speluncæ.

*polysperma*, Steud.—Davallia tenuifolia.

*Preslii*, Hook.—Prosaptia Emersoni.

*procera*, Hedw.—Davallia solida.

*proxima*, Bl.—Microlepia proxima.

*pseudo-cystopteris*, Kze.—Acrophorus pseudo-cystopteris.

*pubescens*, Rottler Hb.—Microlepia Speluncæ.

[Gen. 47. Sp. 1203.]

*puberula*, Wall.—*Microlepia Speluncæ*.

*pulchella*, Hook.—*Acrophorus cuneifolius*.

*pulchella*, Hort.—*Davallia canariensis*,  $\beta$ .

*pulchra*, Don.—*Acrophorus pulcher*.

*pumila*, Willd. *Hb.* 20, 146.—Straits of Magelhaens.

*Dicksonia pumila*, Kze. *Bot. Zeit.* viii. 254, in obs.

*pyncocarpa*, Brack. *U. S. Expl. Exped.* xvi. 242, t. 35, fig. 2.—

Feejee Islands; Aneiteum; New Caledonia; New Ireland.

*Davallia pentaphylla*, Brack. *U. S. Expl. Exped.* xvi. 241, t. 35, fig. 1.—  
(larger).

*pyramidata*, Wall.—*Microlepia Speluncæ*.

*pyridata*, Cav. *Prælect* (1801) 278.—New Holland (*Sieb. Syn.*

126; *Id. Fl. Mist.* 240), Moreton Bay; Clarence

River; Norfolk Island; Aneiteum.

*Davallia pyridata*, Sw. *Syn. Fil.* 182, 346; Willd. *Sp. Pl.* v. 471; E.

*Br. Prod. Fl. Nov. Holl.* 157; Poir. *Enc. Supp.* v. 350; Spreng.

*Syst.* 119; Presl, *Tent. Pter.* 129, t. 4, fig. 25, 26; Link. *Fil. Sp.*

48; Hook. *Sp. Fil.* i. 170, t. 55 C, fig. 1, 2; *Id. Gen. Fil.* t. 27; J.

*Sm. Lond. Journ. Bot.* i. 428; Fée, *Gen. Fil.* 329; Moore et Houlet.

*Gard. Mag. Bot.* iii. 325, fig. 72; Kze. *Lín.* xxiii. 248; *Id. Bot.*

*Zeit.* viii. 88; Metten. *Fil. Lips.* 102; Brack. *U. S. Expl. Exped.*

xvi. 244; Lowe, *Ferns* viii. t. 21 (bad).

*Davallia arborescens*, Hort.

*Humata pyridata*, Desv. *Prod.* 325.

— $\beta$ . *attenuata*, (Hook. *Sp. Fil.* i. 470, t. 55 C, fig. 3, 4).—

Port Jackson; Sydney; Coral Island.

*Davallia solida*, Hook. *et. Arn. Bot. Beech. Voy.* 75 (not Sw.)

*pyridata*, Klfs.—*Davallida solida*.

*recurva*, Lind. *Cat.* 1856.—

*remota*, Klfs.—*Davallia tenuifolia*.

*repens*, Desv.—*Acrophorus repens*.

*retusa*, Cav.—*Lindsæa retusa*.

*rhomboidea*, Wall. *Hb.*—*Microlepia Speluncæ*.

*rhomboidea*, Wall. *Cat.*—*Microlepia rhomboidea*.

*rhomboidea*, Hook.—*Microlepia Wilfordii*.

*Roxburghii*, Wall.—*Microlepia Speluncæ*.

*rufa*, Zenker MS.—*Davallia tenuifolia*,  $\beta$ .

*Saccoloma*, Spreng.—*Microlepia elegans*.

*scabra*, Don.—*Microlepia scabra*.

*scabrella*, Wall. *Hb.*—*Dennstædtia scabra*.

*scandens*, M.—Peru.

*Humata scandens*, Desv. *Prod.* 324; Kze. *Bot. Zeit.* viii. 215.

*scandens*, Sw.—*Lygodium japonicum*.

*Schimper*, Hook.—*Loxocaphe Schimper*.

*Schlechtendalii*, Presl, *Tent. Pter.* 129.—Mexico (*Galeotti*

6372; *Schiede et Deppe* 803); Guatemala.

[Gen. 47. Sp. 1213.]

*Davallia Schlechtendalii*, *Hook. Sp. Fil.* i. 189, t. 54 C; *Link. Fil. Sp.* 43; *Kze. Lin.* xliii. 248; *Id. Bot. Zeit.* viii. 192; *Liebm. Mex. Bregn.* 111.

*Davallia divaricata*, *Schlecht. Lin.* v. 617; *M. et Gal. Foug. Mex.* 77.

*Microlepia Schlechtendalii*, *Metten. Fil. Lips.* 104.

*Stenoloma Schlechtendalii*, *Fée, Gen. Fil.* 330, t. 27 bis A, fig. 1.

*serrata*, Willd.—*Humata trifoliata*.

*serrata*, Roxb.—*Microlepia pinnata*.

*serriformis*, Wall.—*Prosaptia Emersoni*.

*sessilifolia*, Bl.—*Humata sessilifolia*.

*solida*, Sw. *Schrad. Journ.* 1800, ii. 87; *Id. Syn. Fil.* 132, 345.—Pacific et Malay Islands; Society Islands: Tahiti; Friendly Islands; Samoan Islands; Solomon Islands; Pitcairn's Island; Maldiv Islands; New Ireland; New Hebrides: Tanna; New Caledonia; Wallis Island; Philippine Islands (*Cuming* 78).—*Rumph. Amb.* vi. t. 32, fig. 1.—? f. Sw.

*Davallia solida*, *Schkr. Crypt.* 118, t. 126; *Willd. Sp. Pl.* v. 470; *Spreng. Syst.* 119; *Bl. Baum.* 234; *Hook. Sp. Fil.* f. 163 (excl.  $\beta$ .); *Id. Fil. Exot.* i. t. 57; *J. Sm. Lond. Journ. Bot.* i. 428; *Kze. Lin.* xliii. 248; *Id. Bot. Zeit.* viii. 71; *Pée, Gen. Fil.* 329; *Brack. U. S. Expl. Exped.* xvi. 244; *Metten. Fil. Lips.* 101; *Sturm, Enum. Crypt. Chil.* 36; *Lowe, Ferns* viii. t. 27.

*Davallia elegans*, *Hedw. Fil.* in text of t. 21.—f. *Schkr.*

*Davallia magellanica*, *Desv. Mag. Ber.* v. 328; *Spreng. Syst.* 120; *Hook. Sp. Fil.* i. 94; *Kze. Bot. Zeit.* viii. 254; *Gay, Chil.* vi. 521.

*Davallia nitida*, *Desv. Hb. Mus. Par.*—f. *Gullem.*

*Davallia procera*, *Hedw. Fil.* t. 21.—f. *Schkr.*; t. 24.—f. *Pritz.*

*Davallia pyxidata*, *Kfz. Enum.* 221.—f. *Kze.*

*Davallia sordida*, *Hort.*—f. *Kze.*

*Humata solida*, *Desv. Prod.* 324.

*Stenolobus solidus*, *Presl, Tent. Pter.* 130.

— *$\beta$ . caudata*, (*Hook. Sp. Fil.* i. 163).—Java; Singapore; Borneo; Isle of Vanikoro; Feejee Islands; New Caledonia.

*Davallia caudata*, *Wall. Cat.* 2220.

*Davallia elegans*, *Kze. Hb.* non Sw.—f. *Presl.*

*Davallia solida*,  *$\beta$ . lacera*, *Bl. Enum.* 234.

*Stenolobus Kunzeanus*, *Presl, Tent. Pter.* 130, t. 4, fig. 30.—f. *Hook.*

*Trichomanes solidum*, *Forst. Prod.* 475; *Poir. Enc. Bot.* viii. 79.

— *$\gamma$ . pentagona*, *Brack. U. S. Expl. Exped.* xvi. 244.—Samoa Islands.

*solida*, *Hook. et Arn.*—*Davallia pyxidata*,  *$\beta$ .*

*solida*,  *$\beta$ .* *Hook.*—*Davallia ornata*.

*sordida*, *Hort.*—*Davallia solida*.

*splendens*, *Bl.*—*Microlepia splendens*.

*stenomera*, *Kze. Bot. Zeit.* vi. 216.—Java (*Zoll.* 359 z, 365 Bz).

*Davallia mucronata*, *Moritz Verz.*

*Davallia trichomanoides*, *Moritz Verz.*

[*Gen.* 47. *Sp.* 1215.]

*stipellata*, Wall.—*Acrophorus nodosus*.

*strigosa*, Sw.—*Microlepia strigosa*.

*stylosa*, Steud.—*Trichomanes stylosum*.

*subimbricata*, Bl.—*Humata pedata*.

*subvolubilis*, Kze.—*Microlepia subvolubilis*.

*tahitensis*, Brack. *U. S. Expl. Exped.* xvi. 245.—Society Islands.

*tegularis*, Desv. *Prod.* 316.—Hispaniola.—Plum. t. 99 A.

*tenuifolia*, Sw. *Schrad. Journ.* 1800, ii. 88; *Id. Syn. Fil.* 133, 250.—India: Assam, Nepal, Khasya, Sylhet, Madras, Moulmein (*Lobb* 438); Ceylon (*Gardn.* 1115; *Col. Perad.* 983); Java (*Zoll.* 1610); Amboyna; Penang; Mauritius (*Sieb. Syn.* 55; *Bernier* 12); Bourbon (*Richard* 4); Society Islands: Tahiti; Sandwich Islands: Oahu (*Seem.* 1702); Feejee Islands; Aneiteum; South China (*Seem.* 2385), Hong Kong (*Champ.* 558; *Fortune* 117), Foo-Choo-Foo, Chusan; Madagascar; California—f. Kze.—Pluk. t. 4, fig. 1; Lam. Ill. t. 871 (bad).

*Davallia tenuifolia*, Willd. *Sp. Pl.* v. 477 (excl. syn. Schkr.); *Spreng. Syst.* 120 (excl. syn. Schkr. et H.B.K.); *Desv. Prod.* 316 (excl. syn. Schkr.); *Wall. Cat.* 246; *Bl. Enum.* 239 (excl. syn. Schkr.); *Presl. Tent. Pter.* 129, t. 4, fig. 27; *Hook. Sp. Fil.* i. 186; *J. Sm. Lond. Journ. Bot.* i. 428; *Moore, Gard. Chron.* 1865, 709, with fig.; *Kze. Bot. Zeit.* iv. 945; vi. 553; viii. 190; *Id. Lin.* xxiii. 248; *Brack. U.S. Expl. Exped.* xvi. 248; *Lowe-Ferns* viii. t. 14.

*Davallia polysperma*, Steud. *Nom. Bot. Crypt.* 147.

*Davallia remota*, Ktze. *Enum.* 233, *Presl. Tent. Pter.* 129; *Hook. et Arn. Beech. Voy.* 108; *Kze. Bot. Zeit.* vi. 553, in obs.

*Adiantum clavatum*, Forst. *Prod.* 459.

*Adiantum tenuifolium*, Lam. *Enc. Bot.* i. 44.

*Hymenophyllum ramosissimum*, Ham. *MS.*: Don, *Prod. Nep.* 12—f. J. Sm.; *Spreng. Syst.* 132; *Hook. Sp. Fil.* i. 111.

*Microlepia tenuifolia*, Metten. *Fil. Lips.* 104, t. 27, fig. 14.

*Odontosoria tenuifolia*, J. Sm. *Cat. Ferns* 67; *Id. Bot. Voy. Her.* 429.

*Stenoloma tenuifolium*, Fée, *Gen. Fil.* 330.

*Trichomanes polyspermum*, Poir. *Enc. Bot.* viii. 82.

? *Trichomanes malayanum*, Roxb. *Calc. Journ. Nat. Hist.* iv. 519.

—*β. lata*, (*Hook. Sp. Fil.* i. 186).—China (*Fortune* (1845) 146; (1848) 16); Japan (*Zoll.* 9); Loo-Choo; Java; Bonin; Philippines (*Cuming* 59); Moluccas; Feejee Islands; New Caledonia; Neilgherries (*Schmid* 40; *Weigle* 7; *Kurr* 8; *Hohenacker* 1260).

*Davallia tenuifolia, β. Kze. Bot. Zeit.* vi. 553; viii. 190; *Id. Lin.* xxiv. 276.

*Davallia chusana*, Willd. *Sp. Pl.* v. 475; *Desv. Prod.* 316.

*Davallia ferruginea*, Cav. *Præl.* (1801) 277—f. Kze.; *Sw. Syn. Fil.* 134; *Willd. Sp. Pl.* v. 473; *Poir. Enc. Supp.* v. 351; *Desv. Prod.* 316; *Spreng. Syst.* 120; *Bl. Enum.* 239; *Nees et Bl. Nov. Act. N. C.* xi. 123, t. 13, fig. 4; *Hook. et Arn. Beech. Voy.* 275.

*Davallia rufa*, Zenker *MS.*—f. Kze.

*Davallia tenuifolia*, *J. Sm. Hook. Journ. Bot.* iii. 417; *Meyen: Goldm. Nov. Act. N. C.* xiv. supp. 464.

*Adiantum chusanum*, *Lin. Sp. Pl.* 1558; *Lam. Enc. Bot.* i. 42.

—*γ. chinensis*, M.—China; Isle of Koo-long-Koo coast; Japan; Bonin-Sima (*Mertens* 44); Peel Island; Java; Madagascar.

*Davallia chinensis*, *Sm. Mem. Acad. Turin.* v. 414; *Sw. Schrad. Journ.* 1800, ii. 88; *Id. Syn. Fil.* 139; *Willd. Sp. Pl.* v. 474; *Lange. et Fisch. Icon. Fil.* 23, t. 27; *Spreng. Syst.* 119; *Kze. Bot. Zeit.* vi. 553; viii. 190; *Fresl. Tent. Pter.* 129; *Hook. Sp. Fil.* i. 187; *Roxb. Calc. Journ. Nat. Hist.* iv. 517.

*Adiantum chinense*, *Lin.* . . . . . *cit. Sw.*

*Microlepia chinensis*, *Mett. Fil. Lips.* 104.

*Odontosoria chinensis*, *J. Sm. Bot. Voy. Her.* 430.

*Trichomanes chinense*, *Lin. Sp. Pl.* 1562; *Thunb. Fl. Jap.* 340  
*Osb. Voy.* ii. t. 6; *Poir. Enc. Bot.* viii. 80.

*tenuifolia*, *Willd. Hb.*—*Lindsæa retusa*.

*tenuifolia*, *Pöppig*.—*Davallia clavata*.

*thalictroides*, *Fresl.*—*Davallia dumosa*.

*thecifera*, H.B.K.—*Loxoscaphe theciferum*.

*thecigera*, *Hook.*—*Loxoscaphe theciferum*.

*trapeziformis*, *Roxb.*—*Microlepia rhomboidea*.

*trapezoides*, *Lodd. Cat.* (*Kze. Lin.* xxiii. 248.)

*trichomanoides*, *Bl. Enum.* 238.—Java; Moluccas.

*Davallia trichomanoides*, *Kze. Bot. Zeit.* vi. 235; viii. 190; *Hook. Sp. Fil.* i. 186.

*trichomanoides*, *Moritz*.—*Davallia stenomera*.

*trichomanoides*, *Hook.*—*Davallia ferulacea*.

*trichosticha*, *Hook.*—*Microlepia trichosticha*.

*trifoliata*, *Sw. Syn. Fil.* 133.—*Hispaniola*.—*Plum.* t. 99 B.

*Davallia trifoliata*, *Willd. Sp. Pl.* v. 478; *Spreng. Syst.* 120; *Desv. Prod.* 316; *Hook. Sp. Fil.* i. 190; *Kze. Bot. Zeit.* viii. 194.

*Adiantum trifoliatum*, *Lin. Sp. Pl.* 1558; *Lam. Enc. Bot.* i. 42,  
(*An Hymenophyllum sp.*)

*triloba*, *Willd. Sp. Pl.* v. 468.—*Hispaniola*.—*Plum.* t. 99 C.

*Davallia triloba*, *Poir. Enc. Supp.* v. 342; *Desv. Prod.* 314; *Hook. Sp. Fil.* i. 190; *J. Sm. Lond. Journ. Bot.* i. 428; *Kze. Bot. Zeit.* viii. 194.

*Adiantum trilobum*, *Lin. Sp. Pl.* 1557; *Lam. Enc. Bot.* i. 42.

*triphylla*, *Hook. Sp. Fil.* i. 162, t. 46 A.—Singapore (*Cuming* 366; *Rob. Schomb.* 40).

*Davallia triphylla*, *Kze. Bot. Zeit.* viii. 70; *Mett. Fil. Lips.* 101.

*Davallia pentaphylla*, *J. Sm. Hook. Journ. Bot.* iii. 416.

*Scyphularia triphylla*, *Fée, Gen. Fil.* 325.

*Stenolobus triphyllus*, *Fresl. Epim. Bot.* 99.

*truncata*, *Don, Prod. Fl. Nep.* 10.—Nepal.

*Davallia truncata*, *Spreng. Syst.* 121.

*uncinella*, *Kze. Bot. Zeit.* viii. 213, *Id. Schkr. Supp.* ii. 96,  
[*Gen.* 47 *Sp.* 1224.]

t. 140.—W. Indies: Cuba (*Lind.* 2175, 2118; *Wright* 889, in part).

*Davallia aculeata*, *Hb. Gen. Ber.*—f. Kze.

*Davallia* ? bipinnata, *Hook. Sp. Fil.* i. 181; *Kze. Bot. Zeit.* viii. 70.

*Microlepia uncinella*, *Metten. Fil. Lips.* 103.

*Odontosoria uncinella*, *Fée, Gen. Fil.* 326. t. 27 p. fig. 1.

*Prosaptia bipinnata*, *Presl, Tent. Pter.* 166, t. 6, fig. 19.

*urophylla*, Wall.—*Microlepia urophylla*.

*urophylla*, Hook.—*Microlepia caudigera*.

*venusta*, Schkr.—*Davallia clavata*.

*vestita*, Bl.—*Humata vestita*.

*vestita*, Moritz.—*Humata alpina*.

*villosa*, Wall.—*Microlepia scabra*.

*villosa*, Don.—*Microlepia hirta*.

*virens*, Wall.—*Microlepia Speluncæ*.

*Vogelii*, *Hook. Sp. Fil.* i. 168, t. 59 B.—Fernando Po.

*Davallia Vogelii*, *Kze. Bot. Zeit.* viii. 88; *Fée, Gen. Fil.* 329.

*zeylanica*, Sw.—*Dennstædtia flaccida*.

**Dendroglossa, Presl, Epim. Bot.** 149.

*lanceolata*, Presl.—*Gymnopteris lanceolata*.

*latifolia*, Fée.—*Gymnopteris latifolia*.

*normalis*, Presl.—*Gymnopteris normalis*.

*quercifolia*, Fée.—*Gymnopteris quercifolia*.

*subquinqsefida*, Fée.—*Gymnopteris trilobata*.

*taccafolia*, Fée.—*Gymnopteris taccæfolia*.

**DENNSTÆDTIA, Bernhardt, Schrad. Journ.** 1800, ii. 124, t. 1, fig. 3. [Synopsis p. xcvii.]

*adiantoides*, M. [*Synops.* cxvii.]—America merid.: Mexico (*Presl*) Quito; Columbia (*Moritz* 199), Venezuela (*Fendl.* 59; *F. et Schlim* 1224); N. Grenada (*Lind.* 1043; *Schlim* 593); W. Indies: Hispaniola, Porto Rico.—Plum t. 80.

*Dicksonia adiantoides*, *H.B.: Willd. Sp. Pl.* v. 489; *H.B.K. Nov.*

*Gen.* i. 23; *Poir. Enc. Supp.* ii. 474; *Presl, Rel. Hank.* i. 67; *Id.*

*Tent. Pter.* 136; *Desv. Prod.* 318; *Spreng. Syst.* 123; *Liebm. Mex.*

*Bregm.* 111; *Kl. Lin.* xviii. 544; *Fée, Gen. Fil.* 335.

*Dicksonia altissima*, *Sm. Rees' Cyclop.* xi.

*Dicksonia bipinnata*, *Cav. Praelect.* (1801) 274.

*Dicksonia exaltata*, *Kze. Bot. Zeit.* viii. 69.

*Microlepia ædematosa*, *Fée, Gen. Fil.* 327, 328.

*Polypodium globuliferum*, *Poir. Lam. Enc.* vi. 554.

*Sitobolium adiantoides*, *J. Sm. Hook. Journ. Bot.* iii. 418; *Id. Lond.*

*Journ. Bot.* i. 434; *Brack. U. S. Expl. Exped.* xvi. 273.

*anthriscifolia*, M.—Mascaren Islands (*Sieb. Syn.* 60; *Id. Fl.*

*Mixt.* 314); Mexico (*Lind.* 1537).

*Dicksonia anthriscifolia*, *Klft. Enum.* 227 (excl. syn. Bory); *Presl, Tent. Pter.* 136; *Spreng. Syst.* 123 (excl. syn. Willd.); *Kze. Lin.* v. 45; x. 645 (excl. syn.); *Hook. Sp. Fil.* i. 79, t. 27 B; *Fée, Gen. Fil.* 335; *Pappe et Eawa. Syn. Fil. Afr. Aust.* 52.

*apiifolia*, M. [*Synopsis* xcvi].—W. Indies: Jamaica, Cuba (*Lind.* 1747); Peru; Venezuela (*Fendl.* 448).

*Dicksonia apiifolia*, *Sw. Fl. Ind. Occ.* iii. 1697; *Id. Syn. Fil.* 137; *Willd. Sp. Pl.* v. 487; *Poir. Enc. Supp.* ii. 474; *Spreng. Syst.* 123; *Desv. Prod.* 318; *Presl, Tent. Pter.* 136; *Hook. Sp. Fil.* i. 77, t. 26 C; *Fée, Gen. Fil.* 335.

*Sitolobium apiifolium*, *J. Sm. Hook. Journ. Bot.* i. 434.

—*β. dissecta*, M.—Peru, Tarapota (*Spruce* 4690, 4890); Quito (*Jameson* 744); W. Indies: Cuba (*Wright* 895, in part.)

*Dennstaedtia cicutaria*, v. *tenera*, *Moore, Stm's Cat.* 1850, 33.

*Dennstaedtia tenera*, *Moore, Parker's Cat.* 1858.

*Dicksonia apiifolia*, *β. dissecta*, *Desv. Prod.* 318; *Kze. Lin.* ix. 83.

*Dicksonia angustidens*, *Presl, Tent. Pter.* 136.

*Dicksonia cicutaria*, *Raddi, Syn. Fil.* 18; *Id. Fil. Bras.* 62 (excl. syn.) —f. *Kze.*

*ciutaria*, M. [*Synops.* xcvi].—W. Indies: Jamaica, St. Domingo, Cuba (*Wright* 895, in part; Mexico (*Lind.* 7); Guatemala; Ecuador, Guayaquil; Peru; ? Tarapota (*Spruce* 4346); F. Guiana: Cayenne (*Leprieur* 128); Columbia (*Moritz* 288); Venezuela (*Fendl.* 374); New Grenada; Brazil (*Gardn.* 5327); Cocos Island.—*Sloane, Jam. i.* t. 57, fig. 1-2; *Plum.* t. 31.

*Dicksonia cicutaria*, *Sw. Fl. Ind. Occ.* iii. 1695; *Id. Schrad. Journ.* 1800, ii. 91; *Id. Syn. Fil.* 137; *Willd. Sp. Pl.* v. 487; *Poir. Enc. Supp.* ii. 474; *Presl, Rel. Haenk.* i. 87; *Id. Tent. Pter.* 136; *Raddi, Fil. Bras.* 62; *Spreng. Syst.* 123; *Desv. Prod.* 318; *Hook. Sp. Fil.* i. 76, incl. γ; *Kze. Bot. Zeit.* iii. 816, in obs.; *Fée, Gen. Fil.* 335; *Liebm. Mex. Bregn.* 109, in part; *Lowe, Ferns* viii. t. 40.

*Dicksonia dissecta*, *Sieb. Syn.* 189; *Kl. Lin.* xviii, 543.

*Dicksonia globuligera*, *Desv. Prod.* 317.

*Dicksonia pilosiuscula*, *Raddi, Fil. Bras.* 63 (excl. syn. Schkr.)

*Dicksonia stitfolia*, *Kze. MS: Hb. Vindob.*

*Polypodium bacciferum*, *Poir. Enc. Bot.* v. 554.

*Sitolobium cicutarium*, *J. Sm. Lond. Journ. Bot.* i. 434.

—*β. tenera*, M.—Brazil (*Mart.* 380; *Gardn.* 62); Columbia; Venezuela (*Lind.* 140).

*Dicksonia adiantoides*, *Link, Hort. Ber.* ii. 9 (excl. syn.)

*Dicksonia cicutaria*, *β. Hook. Sp. Fil.* i. 76.

*Dicksonia flaccida*, *Raddi, Fil. Bras.* 62 (excl. syn.)—f. *Kze.*

*Dicksonia tenera*, *Presl, Del. Prag.* i. 189; *Id. Tent. Pter.* 136, t. 5, fig. 6, 7; *Mart. Icon. Crypt. Bras.* 96, t. 68, t. 72, fig. 1; *Hook. Gen. Fil.* t. 61 A; *Link, Fil. Sp.* 39; *Fée, Gen. Fil.* t. 26 B, fig. 2; *Kze. Lin.* xiii. 249; *Metten. Fil. Lips.* 106.

*Sitolobium adiantoides*, *J. Sm. Bot. Mag.* 1846, comp. 36; *Moore et Hoult. Gard. Mag. Bot.* iii. 328, fig. 75.

*Sitolobium tenerum*, *Brack. U. S. Expl. Exped.* xvi. 275.

—*γ. cornuta*, M.—Brazil (? *Claussen* 2109 a), Organ Mountains (*Gardn.* 201).



- Dicksonia cornuta*, *Klfs. Enum.* 227; *Spr. Syst.* 123; *Presl, Tent. Pter.* 136; *Hook. Sp. Fil.* i. 76.  
*Dicksonia Hookeriana*, *Kl. MS. Hb. Gen. Berol.*—f. *Kze. (Bot. Zeit.* viii. 61).  
 — *D. erosa*, M.—Peru (*Mathews* 974); Brazil; Cuba (*Wright* 962).  
*Dicksonia cicutaria*, *D. Hook. Sp. Fil.* i. 76.  
*Patania erosa*, *Presl, Tent. Pter.* 138, t. 5, fig. 12, 13, non *Kze.*—f. *Hook; Id. Epim. Bot.* 102 (incl. syn. *Kze.*—f. *Presl*); *Hook. Gen. Fil.* t. 61 B.  
*concinna*, M. [*Synopsis* xcvi.].—Peru (*Mathews* 1782; *Lechl.* 2157); Tarapota (*Spruce* 4692).  
*Davallia concinna*, *Presl, Rel. Hænt.* i. 66.  
*Deparia Mathewsii*, *Hook. Sp. Fil.* i. 85, t. 30 B.  
*Dicksonia concinna*, *Hook. Sp. Fil.* i. 74.  
*Dicksonia Mathewsii*, *Hook. Sp. Fil.* i. index; *Fde, Gen. Fil.* 335; *Metten. Fil. Lips.* 105; *Id. Fil. Lechl.* 23.  
*Patania concinna*, *Presl, Tent. Pter.* 138; *Id. Epim. Bot.* 102.  
*consanguinea*, M.—Columbia (*Moritz* 386), Venezuela (*Fendl.* 60; *Funck et Schlim* 241, 1227), Caraccas (*Lind.* 156); New Grenada (*Lind.* 1042, 132 [p. 1032]); Equador (*Spruce* 5419, 5669).  
*Dicksonia consanguinea*, *Kl. Lin.* xx. 445; *Kze. Bot. Zeit.* viii. 59, in part; *Reichardt, Gefassb.* 20, t. 3, fig. 37—41.  
*Dicksonia adiantoides*, *Hook. Sp. Fil.* i. 75, t. 26 B; non H.B.K.  
*Dicksonia decurrens*, *Kl. Hb. Gen. Berol. (Bot. Zeit.* viii. 68).  
*Patania consanguinea*, *Presl, Epim. Bot.* 102.  
*Patania triangularis*, *Presl, Epim. Bot.* 261 (*Lind.* 1042).  
*cuneata*, M. [*Synopsis* xcvi.].—Philippines (*Cuming* 231).  
*Dicksonia cuneata*, *Hook. Sp. Fil.* i. 80, t. 28 C; *Fde, Gen. Fil.* 335.  
*Sitolobium cuneatum*, *J. Sm. Hook. Journ. Bot.* iii. 418.  
*davallioides*, *Moore, Parker's Cat.* 1858.—N. Holland, Clarence River; Tasmania (*Mossman* 655).  
*Dennstædtia nitidula*, *Moore, Synopsis*, ante xcvi.  
*Dicksonia davallioides*, *Br. Prod. Fl. Nov. Holl.* 158; *Hook. Sp. Fil.* i. 71; *Lowe, Ferns* viii. t. 41.  
*Dicksonia nitidula*, *Kze. Lin.* xxiii. 240, 308; *Metten. Fil. Lips.* 106, t. 28, fig. 1-5.  
*Dicksonia rubiginosa* affn. *Hort. Ber.*—f. *Kze.*  
*Sitolobium davallioides*, *J. Sm. Lond. Journ. Bot.* i. 434; *Id. Cat. Ferns* 70; *Moore et Houlst. Gard. Mag. Bot.* iii. 328.  
*deltoides*, M. [*Synopsis* xcvi.].—Ceylon (*Col. Perad.* 1897); Assam.  
*Dicksonia deltoides*, *Hook. Sp. Fil.* i. 80, t. 28 A; *Fde, Gen. Fil.* 335.  
*dissecta*, M.—W. Indies: Jamaica; Mexico (*Galeotti* 6292, 6323; *Leibold* 60; *Schaffn.* (1854) 258); Brazil (*Regn.* ii. 322).  
*Dicksonia dissecta*, *Sw. Fl. Ind. Occ.* iii. 1693; *Id. Schrad. Journ.* 1800, ii. 91; *Id. Syn. Fil.* 136; *Schkr. Crypt.* 120, t. 130 b; *Willd. Sp.*

- Pl.* v. 486; *Poir. Enc. Supp.* ii. 472; *Spreng. Syst.* 123 (excl. syn. Presl); *Desv. Prod.* 318; *Hook. Sp. Fil.* i. 77 (excl. syn. Klfs.—f. Kze.); *M. et Gal. Foug. Mex.* 77; *Kze. Lin.* xviii. 342; xxiii. 249; *Liebm. Mex. Bregn.* 109; *Fée, Gen. Fil.* 335.  
*Dicksonia expansa*, *Klfs. Sieb. Syn.* 110.—f. *Hook.*; *Fée, Gen. Fil.* 335.  
*Polypodium dissectum*, *Sw. Prod.* 134.  
*Sitolobium dissectum*, *J. Sm. Hook. Journ. Bot.* iii. 418; *Id. Lond. Journ. Bot.* i. 434.
- distenta*, M.—Mexico (*Schaffn.* 257).  
*Dicksonia distenta*, *Kze. Anal.* 89; *Id. Lin.* xiii. 145; xviii. 343, in obs.; *Hook. Sp. Fil.* i. 78; *Liebm. Mex. Bregn.* 110; *Fée, Gen. Fil.* 335.
- erosa*, M.—Peru (*Dombey* 81: *Hb. Mus. Par.*)  
*Dicksonia erosa*, *Kze. Lin.* ix. 88; *Kl. Lin.* xx. 444; *Hook. Sp. Fil.* i. 75.
- flaccida*, *Bernh. Schrad. Journ.* 1800, ii. 124, t. 1, fig. 3.—Pacific Isles; Java; Ceylon.  
*Cyathea flaccida*, *Spreng. Schrad. Journ.* 1799, ii. 271.  
*Davallia flaccida*, *Sw. Adnot.* 69.—f. *Presl.*  
*Davallia zeylanica*, *Sw. Adnot.* 69.  
*Dicksonia flaccida*, *Sw. Schrad. Journ.* 1800, ii. 90; *Id. Syn. Fil.* 137, 357; *Schkr. Crypt.* 126, t. 129, *Willd. Sp. Pl.* v. 488; *Poir. Enc. Supp.* ii. 474; *Spreng. Syst.* 123; *Id. Anal. Eng.* ed. 159, t. 4, fig. 31; *Desv. Prod.* 318; *Hook. et Arn. Beech. Voy.* 108.—f. *Presl.*; *Hook. Sp. Fil.* i. 77; *Presl, Tent. Pter.* 136; *Hasskl. Fil. Jav.* 57.  
*Dicksonia zeylanica*, *Sw. Schrad. Journ.* 1800, ii. 91; *Id. Syn. Fil.* 138, 358; *Willd. Sp. Pl.* v. 489; *Poir. Enc. Supp.* ii. 475; *Desv. Prod.* 318; *Hook. Sp. Fil.* i. 73.  
*Microlepia* ? *zeylanica*, *Presl, Epim. Bot.* 96.  
*Trichomanes flaccidum*, *Forst. Prod.* 472.
- macrophylla*, Moore.—*Dennstædtia obtusifolia*.  
*moluccana*, M. [*Synopsis* xcvi.].—*Moluccas* (*Lobb* 260).  
*Dicksonia moluccana*, *Bl. Enum.* 239; *Hook. Sp. Fil.* i. 78; *Fée, Gen. Fil.* 335; *Kze. Bot. Zeit.* vi. 215; *Lowe, Ferns* viii. t. 46.  
*Sitolobium moluccanum*, *J. Sm. Cat. Ferns* 68.
- nitidula*, Moore.—*Dennstædtia davallioides*.  
*obtusifolia*, M.—Columbia: Caraccas (*Karst.* 386); New Grenada (*Lind.* 1031); ? Peru (*Spruce* 4246); St. Domingo.—*Plum.* t. 6.  
*Dennstædtia macrophylla*, *Moore, Synopsis* ante xcvi.  
*Davallia arborescens*, *Willd. Sp. Pl.* v. 470; *Poir. Enc. Supp.* v. 351; *Spreng. Syst.* 119 (excl. syn. Presl).  
*Dicksonia obtusifolia*, *Willd. Sp. Pl.* v. 483; *Poir. Enc. Supp.* ii. 472; *Spreng. Syst.* 122; *Desv. Prod.* 317; *Hook. Sp. Fil.* i. 81; *Metten. Fil. Lips.* 105.  
*Dicksonia recognita*, *Kze. Bot. Zeit.* viii. 57.—f. *Presl.*  
*Dicksonia macrophylla*, *Desv. Prod.* 317.  
*Patania obtusifolia*, *Presl, Tent. Pter.* 138, t. 5, fig. 14; *Id. Epim. Bot.* 102.  
*Sitolobium obtusifolium*, *J. Sm. Lond. Journ. Bot.* i. 434.
- ordinata*, M.—Porto Rico.  
*Dicksonia ordinata*, *Klfs. Enum.* 226; *Spreng. Syst.* 123; *Presl, Tent. Pter.* 136; *Hook. Sp. Fil.* i. 75; *Kze. Schkr. Supp.* ii. 14, t. 106.  
[*Gen.* 48. *Sp.* 1241.]

## Pavoni, M.—Peru.

*Dicksonia Pavoni*, *Hook. Sp. Fil.* i. 74, t. 26 A; *Fée, Gen. Fil.* 355.

*punctilobula*, M. [*Synopsis* xcvi].—N. America: Canada; New Haven, Vermont, Tennessee, N. Carolina; W. Indies (*Kze.*).

*Adectum pilosiusculum*, *Link. Fil. Sp.* 42.

*Aspidium punctilobulum*, *Sw. Syn. Fil.* 60.

*Aspidium punctilobum*, *Willd. Sp. Pl.* v. 279.

*Dicksonia pilosiuscula*, *Willd. Enum.* 1076; *Id. Sp. Pl.* v. 484; *Poir.*

*Enc. Supp.* ii. 472; *Spreng. Syst.* 122.

*Dicksonia punctiloba*, *Hook. Sp. Fil.* i. 79; *Fée, Gen. Fil.* 335; *Lowe, Ferns* viii. t. 42.

*Dicksonia punctilobula*, *Kze. Silliman's Amer. Journ.* 2. s. vi. 88; *Id. Lin.* xxiii. 249; *Metten. Fil. Lips.* 106; *A. Gray, Bot. North States*, 696, t. 11.

*Dicksonia pubescens*, *Schkr. Crypt.* 125, t. 131; *Presl, Tent. Pter.* 136.

*Litolobium punctilobulum*, *Newm. Phytol.* v. 236.

*Nephrodium punctilobulum*, *Mich. Fl. Bor. Amer.* ii. 268.

*Polypodium pilosiusculum*, *Muhlenb. MS.: Willd. Sp. Pl.* v. 484.

*Polypodium punctilobum*, *Poir. Enc. Bot.* v. 549.

*Sitolobium pilosiusculum*, *J. Sm. Hook. Journ. Bot.* iii. 418; *Id. Lond. Journ. Bot.* i. 434.

*Sitolobium punctilobum*, *J. Sm. Bot. Mag.* 1846, comp. 36; *Id. Cat. Ferns* 70; *Moore et Houlet. Gard. Mag. Bot.* iii. 328.

*Sitolobium punctilobum*, *Desv. Prod.* 263.

*rubiginosa*, M. [*Synopsis* xcvi].—Brazil (*Mart.* 381; *Gardn.* 5672; *Blanch.* 2236, 2478; *Claussen*, 2114—24, 114, 118 —f. *Kze.*): Bahia (*Blanch.* 305); Columbia (*Moritz* 198; *Karsten* ii. 17); New Grenada (*Lind.* 1008); Venezuela (*Fendl.* 58); Peru (*Mathews* 1096, 1829); Tarapota (*Spruce* 4338); Ecuador (*Spruce* 5349), Guayaquil (*Jameson* 537); Mexico (*Leibold* 59; *Lind.* 76); Guatemala; Jamaica.

*Dicksonia rubiginosa*, *Ktze. Enum.* 226; *Hook. Sp. Fil.* i. 79, t. 27 A; *Spreng. Syst.* 123; *Presl, Tent. Pter.* 136; *Link. Fil. Sp.* 40; *Kze. Lin.* xviii. 342; xxiii. 249; *Kl. Lin.* xviii. 543; xx. 445; *Liebm. Mex. Bregn.* 110; *Fée, Gen. Fil.* 335; *Metten. Fil. Lips.* 106; *Reichardt, Gefassb. Stamme und Stipes der Farne* 19, t. 3, fig. 34, 36; *Lowe, Ferns* viii. t. 45.

*Dicksonia umbrosa*, *Liebm. Mex. Bregn.* 110.

*Sitolobium rubiginosum*, *J. Sm. Lond. Journ. Bot.* i. 434; *Id. Cat. Ferns* 70; *Moore et Houlet. Gard. Mag. Bot.* iii. 328; *Brack. U.S. Expl. Exped.* xvi. 275.

## samoense, M.—Samoan Islands.

*Sitolobium samoense*, *Brack. U.S. Expl. Exped.* xvi. 274, t. 38, fig. 1.

*scabra*, M.—India: Nepal, Simla, Assam, Bhotan, Malay Peninsula; Ceylon.

*Davallia scabrella*, *Wall. Hb.*

*Dicksonia scabra*, *Wall. Cat.* 2173; *Hook. Sp. Fil.* i. 80, t. 26 B; *Fée, Gen. Fil.* 335.

*scandens*, *Moore, Parker's Cat.* 1858.—Java (*Zoll.* 1983); Society Isles.

*Dicksonia scandens*, *Bl. Enum.* 240; *Hook. Sp. Fil.* 1. 78; *Hasskl. Fil. Jav.* 56; et *Hort. rar.*

*Dennstaedtia Zippeliana*, *Moore, Synopsis* ante xviii.

*Dicksonia aculeata*, *Zippel. MS.*—f. Kze.

*Dicksonia moluccana*, *Moritz, Verz.*

*Dicksonia Zippeliana*, *Kze. Bot. Zeit.* iii. 638; vi. 215; *Id. Lin.* xxiii. 249, 309; *Gen. Fil.* 335; *Mettan. Fil. Lips.* 106.

*Sitobolium* ? *scandens*, *Brack. U. S. Expl. Exped.* xvi. 275.

*solida*, *M.*—? . . . . .

*Dicksonia solida*, *Kze. Lin.* xxiii. 249.

*Sitobolium solidum*, *Lodd. Cat.*—f. Kze.

*Smithii*, *M.*—Philippine Islands (*Cuming* 108, 145, 232).

*Dicksonia neglecta*, *Fée, Gen. Fil.* 335 (*Cuming* 108 in part).

*Dicksonia Smithii*, *Hook. Sp. Fil.* 1. 80, t. 28 D; *Fée, Gen. Fil.* 335.

*Sitobolium flacidum*, *J. Sm. Hook. Journ. Bot.* iii. 418 (excl. syn.)

*Sprucei*,\* *M.*—Equador (*Spruce* 5350).

*Dicksonia Sprucei*, *Moore Hb.*

*stenochlæna*, *M.*—Bourbon.

*Dicksonia stenochlæna*, *Fée, Gen. Fil.* 335, 336.

*tenera*, *Moore*.—*Dennstaedtia apiifolia*, *β.*

*Zippeliana*, *Moore*.—*Dennstaedtia scandens*.

### **Dermatophlebium**, (§) *Presl, Epim. Bot.* 17, 258.

*cristatum*, *Presl*.—*Hymenophyllum cristatum*.

*Jamesoni*, *Presl*.—*Hymenophyllum Jamesoni*.

*tomentosum*, *Presl*.—*Hymenophyllum sericeum*.

### **Desmopodium**, *J. Smith, Sched. Hb. Ind. Or.*

*auriculatum*, *J. Sm. MS.*—*Polypodium subvillosum*.

*coniifolium*, *J. Sm. MS.*—*Polypodium subdigitatum*.

*elongatum*, *J. Sm. MS.*—*Polypodium elongatum*.

*ornatum*, *J. Sm. MS.*—*Polypodium ornatum*.

---

\* *D. Sprucei*: fronds large (12-18 ped.—f. Spruce) bipinnate; pinnae (? pinnales) 12-15 in. long, distant, opposite, spreading, sometimes deflexed and curving upwards, lanceolate or elliptic, sessile, very deeply pinnatifid or at the base pinnate, the segments adnate, oblong, acutish, slightly falcate, (1½-2½ inches long and about ½-inch wide), auriculate at the anterior base where they are more or less separated from the rachis, decurrent at the posterior base, the margin nearly entire, or more frequently crenate-lobate and recurved; main rachis stout, marked with short linear protuberances (? bases of abraded scales), the secondary ones, as well as the costae veins and margin pubescent with short coarse brown somewhat cobwebby hairs; sori marginal in the sinuses of the lobes, roundish or oblong, scarcely two-lipped; "rhizome creeping."—A very distinct fern distributed in Mr. Spruce's latest collections, and having something the aspect of *Dicksonia Plumieri*. Mr. Spruce describes it as either climbing or ascending among the branches of small trees. Our specimen, which seems to be the apex of a large frond, is nearly 4 feet long, and its lowest pinnae 6-8 inches, deflexed at an angle of 45 deg. from the main rachis. The rachides of the pinnae become flexuose near their apex.

**DEPARIA**, *Hooker et Greville, Icon. Fil. t. 154; Hook. Gen. Fil. t. 44.* [Synopsis p. xviii.]

*Macraei*, Hook. et Grev.—*Deparia prolifera*.

*Matheusii*, Hook.—*Dennstædtia concinna*.

*Moorei*, Hook.—*Cionidium Moorei*.

*prolifera*, *Hook. et Grev. Icon. Fil. Add.: Hook. Gen. Fil. t. 44 B.*—Sandwich Isles (*Seem. 2244*), Oahu, Owhyhee.

*Deparia prolifera*, *Hook. et Arn. Beech. Voy. 108; Hook. Sp. Fil. t. 85; Id. Fil. Exot. t. 82; J. Sm. Lond. Journ. Bot. t. 427; Id. Cat. Ferns, 68; Gaud. Voy. Bon. 80; Fée, Gen. Fil. 336; Brack. U. S. Expl. Exped. xvi. 240; Metten. Aspl. t. 6, fig. 17-20 (section of sori); Lowe, Ferns viii. t. 38.*

*Deparia Macraei*, *Hook. et Grev. Icon. Fil. t. 154.*

*Dicksonia prolifera*, *Klfs. Enum. 225; Spreng. Syst. 122; Metten. Fil. Lips. 106.*

*Cibotium proliferum*, *Presl, Tent. Pter. 69, t. 11, fig. 10.*

**DIACALPE**, *Bl. Enum. Fil. Jav. 241.* [Synopsis p. xcix.]

*aspidioides*, *Bl. Enum. 241.*—Java; Moulmein; Assam.

*Diacalpe aspidioides*, *Presl, Tent. Pter. 245; Hook. Gen. Fil. t. 99; Id. Sp. Fil. t. 59 (excl. syn. Wall.); J. Sm. Hook. Journ. Bot. iv. 191; Fée, Gen. Fil. 339; Metten. Fil. Lips. 99; Hassk. Fil. Jav. 51.*

*Diacalpe Hookeriana*, *Moore, Gard. Chron. 1854, 135.*

*Cyathea aspidioides*, *Moritz, Verz. 108.*

*Peranema aspidioides* *Mett. Fil. Lechl. fasc. II. 33.*

*Physematum aspidioides*, *Kze. Anal. Pter. 48.*

*Sphaeropteris Hookeriana*, *Wall. Cat. 775.*

*Hookeriana*, *Moore.*—*Diacalpe aspidioides*.

*madagascariensis*, *Fée, Gen. Fil. 339.*—Madagascar.

*microphylla*, *Moore.*—*Cyathea microphylla*.

*pseudo-cænopteris*, *Kze. Bot. Zeit. iv. 457.*—Java (*Zoll. 1721*).

*Diacalpe pseudo-cænopteris* *Hassk. Fil. Jav. 53.*

**Diafnia**, *Presl, Epim. Bot. 119 (§)*=BLECHNUM.

**Diagramma**, *Blume, Enum. Fil. Jav. 114, 118 (§)*=SELLIGUEA.

**DIBLEMMA**, *J. Smith, Hook. Journ. Bot. iii. 399.* [Synopsis p. xxxi.]

*samarensis*, *J. Sm. Hook. Journ. Bot. iii. 399.*—Philippine Islands (*Cuming 332*).

*Diblemma samarensis*, *Hook. Gen. Fil. t. 109 B; J. Sm. Hook. Journ. Bot. iv. 65; Fée, Gen. Fil. 86 (excl. syn. Dry. tenuiloria); Id. Vitt. 25.*

*Pteropsis paradoxa*, *R. Br. in Hb.*

*Tenitis samarensis*, *Metten. Fil. Lips. 27.*

(See also *Pleopeltis tenuiloria*.)

[Gen. 51. Sp. 1256.]

**Dichasium**, *A. Braun, Flora*, xxiv. 710.*parallelogramum*, A. Br.—*Lastrea Filix-mas*,  $\gamma$ .*patentissimum*, A. Br.—*Lastrea Filix-mas*,  $\gamma$ .**Dichorexia**, *Presl, Die Gefassb.* 36.*gigantea*, Presl.—*Alsophila glabra*.*latebrosa*, Presl.—*Alsophila latebrosa*.**DICKSONIA**, *L'Heritier, Sert. Ang.* 30. [Synopsis p. xcv.]*abrupta*, *Bory, Voy.* ii. 187, t. 30; *Id. Bel. Voy.* ii. 75.—Bourbon.*Dicksonia abrupta*, *Sw. Syn. Fil.* 138, *Willd. Sp. Pl.* v. 481; *Poir. Enc. Supp.* ii. 474; *Desv. Prod.* 316; *Spreng. Syst.* 121; *Hook. Sp. Fil.* i. 72.*Leptopleuria abrupta*, *Presl, Tent. Pter.* 137, t. 5, fig. 9-11; *Hook. Gen. Fil.* t. 60 B; *Fée, Gen. Fil.* 342.*Nephrolepis abrupta*, *Metten. Fil. Lips.* 99.*aculeata*, Zippel. MS.—*Dennstædtia scandens*.*aculeata*, Spreng.: Sieb.—*Hypolepis repens*.*adiantoides*, H. B.—*Dennstædtia adiantoides*.*adiantoides*, Link.—*Dennstædtia cicutaria*,  $\beta$ .*adiantoides*, Hook.—*Dennstædtia consanguinea*.*altissima*, Sm.—*Dennstædtia adiantoides*.*angustidens*, Presl.—*Dennstædtia apiifolia*,  $\beta$ .*antarctica*, *Labill. Nov. Holl. Plant.* ii. 100, t. 249.—*Tasmania Mossman* 668; New Holland; Victoria; Buffalo Range, Mount Disappointment.—Backhouse Narr. (in plate of a Fern valley)*Dicksonia antarctica*, *Br. Prod. Nov. Holl.* 157; *Willd. Sp. Pl.* v. 486; *Poir. Enc. Supp.* ii. 473; *Desv. Prod.* 317; *Hook. Sp. Fil.* i. 68; *Hook. fl. Pl. New Zealand* ii. 9; *J. Sm. Lond. Journ. Bot.* i. 435; *Moore et Houlet. Gard. Mag. Bot.* iii. 329; fig. 77; *Ralph, Journ. Lin. Soc.* iii. 168; *Lowe, Ferns* viii. t. 43.*Dicksonia fibrosa*, *Colenso, Tasm. Journ. Nat. Sc.* ii. 179; *Hook. Sp. Fil.* i. 68, t. 23 B.*Balanium antarcticum*, *Presl, Tent. Pter.* 134; *Fée, Gen. Fil.* 341; *Kze. Lin. xxiii.* 238; *Metten. Fil. Lips.* 107, t. 28, fig. 12-18.*Balanium fibrosum*, *Fée, Gen. Fil.* 341.*Cibotium Billardieri*, *Klfs. Enum.* 230; *Spreng. Syst.* 127.*anthriscifolia*, Klfs.—*Dennstædtia anthriscifolia*.*apiifolia*, Sw.—*Dennstædtia apiifolia*.*appendiculata*, *Wall. Cat.* 65.—India: Nepal, Kumaon.*Dicksonia appendiculata*, *Presl, Tent. Pter.* 136; *Hook. Sp. Fil.* i. 79, t. 27 C.*Dicksonia glutinosa*, "Wall."; *Hook. Sp. Fil.* i. 81.*Davallia* (? *Dicksonia*) *glutinosa*, *Wall. Hb.**Sitobium glutinosum*, *J. Sm. Hook. Journ. Bot.* iii. 418; *Id. Lond. Journ. Bot.* i. 434.

arborescens, *L'Herit. Sert. Ang.* 31, t. 43.—St. Helena (*Cuming* 432; *Seem.* 2636).

Dicksonia arborescens, *Willd. Sp. Pl.* v. 485; *Poir. Enc. Supp.* ii. 473; *Desv. Prod.* 317; *Spreng. Syst.* 123; *Wall. Cat.* 64; *Hook. Sp. Fil.* i. 66, t. 23 A; *J. Sm. Lond. Journ. Bot.* i. 435.

Dicksonia auricoma, *Spreng. Syst.* 122.

Dicksonia integra, *Sw. Schrad. Journ.* 1800, ii. 90; *Id. Syn. Fil.* 136; *Bernh. Schrad. nous Journ. Bot.* 1806, i. 20, t. 2, fig. 3.

Balantium arborescens, *Hook. Gen. Fil.* t. 20; *Link, Fil. Sp.* 40; *Kze. Lin.* xxiii. 238.

Balantium auricomum, *Klfs. Enum.* 228, t. 1, fig. 13; *Presl, Tent. Pter.* 134, t. 5, fig. 3; *Fée, Gen. Fil.* 341.

arbores, *Karst. MS.*—Dicksonia Karsteniana.

asperula, *Fée.*—? Polypodium asperulum.

aspidioides, *Wall. Hb.*—Microlepia aspidioides.

auricoma, *Spreng.*—Dicksonia arborescens

aurita, *Kze. MS.*—Microlepia Speluncæ.

Baranetz, *Link.*—Cibotium Barometz.

Berteroana, *Hook. Sp. Fil.* i. 67, t. 23 A.—Juan Fernandez (*Bertero* 1538); Feejee Islands, Ngau.

Dicksonia Berteroana, *Brack. U. S. Expl. Exped.* xvi. 277; *Gay, Chil.* vi. 522.

Balantium Berteroanum, *Kze. Anal.* 40; *Fée, Gen. Fil.* 341; *Sturm, Enum. Crypt. Chil.* 37.

Davallia Berteriana, *Colla, Mem. Act. Tur.* xxxix. 37, t. 65.

bipinnata, *Cav.*—Dennstædtia adiantoides.

Blumei, *Moore.*—Dicksonia javanica.

Burkeana, *Kl. MS.*—Dicksonia coniiifolia.

caudata, *Poir.*—Cheilanthes caudata.

chærophylla, *Schrad.*—Microlepia Speluncæ.

chrysotricha, *M.* [ante p. 190].—Java.

Alsophila lurida, *Hassk. Cat.* 9, 34; *Id. Tijdsch. Ned. Ind.* iii. 147.

Balantium chrysotrichum, *Hassk. Fil. Jav.* 53; *Id. Bonpl.* 1858.

Balantium magnificum, *De Vriese, Jungh. Jav.* i. 515, 680.—f. spec. *Hb. Hook.*

Cibotium speciosum, *Bl. MS.*: *Hb. Hook.*

(An *Dicksonia javanica*).

cicutaria, *Raddi.*—Dennstædtia apiifolia, *B.*

cicutaria, *Sw.*—Dennstædtia cicutaria.

consanguinea, *Kl.*—Dennstædtia consanguinea.

concinna, *Hook.*—Dennstædtia concinna.

coniifolia, *Hook. Sp. Fil.* i. 70, t. 24 A.—Venezuela (*F. et Schl.* 1223, 1359, 1360); Caraccas (*Lind.* 538); New Grenada (*Lind.* 1009; *F. et Schl.* 322); Nicaragua; W. Indies: Jamaica, Guadeloupe.

Dicksonia Burkeana, *Kl. MS.*: *Hb. Hook.*

cornuta, *Klfs.*—Dennstædtia cicutaria, *γ.*

cruciata, *Hort. Kew (olim.)*—Dicksonia Culcita.

[*Gen.* 52. *Sp.* 1263.]

*Culcita*, *L'Herit. Sert. Ang.* 31.—Madeira; Teneriffe (*Bourg.* 1547); Azores; Trop. America (*J. Sm.*)

*Dicksonia Culcita*, *Sw. Syn. Fil.* 136; *Willd. Sp. Pl.* v. 496; *Poir. Enc. Supp.* ii. 473; *Spreng. Syst.* 122; *Hook. Sp. Fil.* i. 70; *Lowe, Ferns* viii. t. 39.

*Dicksonia cruciata*, *Hort. Kew.* olim.—f. *Klfs.*

*Balanium Culcita*, *Klfs. Enum.* 229; *J. Sm. Lond. Journ. Bot.* i. 435; *Id. Cat. Kew Ferns* 7; *Moore et Houlst. Gard. Mag. Bot.* iii. 328, fig. 78; *Kze. Lin.* xxiii. 238; *Metten. Fil. Lips.* 107, t. 28, fig. 11.

*Culcita macrocarpa* *Presl, Tent. Pter.* 136, t. 5, fig. 5; *Hook. Gen. Fil.* t. 60 A; *Fée, Gen. Fil.* 340.

*cuneata*, *Hook.*—*Dennstædtia cuneata*.

*davallioides*, *Link.*—*Hypolepis tenuifolia*, *γ.*

*davallioides*, *R. Br.*—*Dennstædtia davallioides*.

*decurrens*, *KL. MS.*—*Dennstædtia consanguinea*.

*decurrens*, *Kze. Hb. Palat. Vindob. (Bot. Zeit.* viii. 58).

*deltoidea*, *Hook.*—*Dennstædtia deltoidea*.

*dissecta*, *Sw.*—*Dennstædtia dissecta*.

*dissecta*, *Sieb.*: *KL.*—*Dennstædtia cicutaria*.

*distenta*, *Kze.*—*Dennstædtia distenta*.

*domingensis*, *Desv. Prod.* 317.—Hispaniola.

*Dicksonia domingensis*, *Hook. Sp. Fil.* i. 81.

*dubia*, *Gaud. Frey. Voy.* 367.—New Holland: Twofold Bay (*Mossman* 678), Moreton Bay, Australia Felix; Tasmania.

*Dicksonia dubia*, *Hook. Sp. Fil.* i. 71, t. 24 C; *Fée, Gen. Fil.* 335; *Kze. Lin.* xxiii. 240.

*Dicksonia fallax*, *Klfs. Sieb. Syn.* 111; *Id. Fl. Mist.* 247.

*Balanium Brownianum*, *Presl, Tent. Pter.* 134; t. 5, fig. 4 (incor.); *Metten. Fil. Lips.* 107.

*Davallia dubia*, *Br. Prod. Fl. Nov. Holl.* 157; *Poir. Enc. Supp.* v. 352; *Spreng. Syst.* 121.

*Polypodium decompositum*, *Desf. Hort. Par.*—f. *Desv.*

*Sitolobium dubium*, *Brack. U.S. Expl. Exped.* xvi. 293.

*Woodsia* ? *dubia*, *Desv. Prod.* 319.

*erosa*, *Kze.*—*Dennstædtia erosa*.

*exaltata*, *Kze.*—*Dennstædtia adiantoides*.

*expansa*, *Klfs.*—*Dennstædtia dissecta*.

*fallax*, *Klfs.*—*Dicksonia dubia*.

*fibrosa*, *Colehso.*—*Dicksonia antarctica*.

*flaccida*, *Sw.*—*Dennstædtia flaccida*.

*flaccida*, *Raddi.*—*Dennstædtia cicutaria*, *β.*

*flaccida*, *Hook. et Arn.*— $\left\{ \begin{array}{l} \text{Dennstædtia flaccida.} \\ \text{Microlepis Spelunca.} \end{array} \right.$

*formosa*, *Col. MS.*—*Dicksonia squarrosa*.

*fragilis*, *Trev.*—*Woodsia fragilis*.

*glauca*, *Sm.*—*Cibotium glaucum*.

*globuligera*, *Desv.*—*Dennstædtia cicutaria*.

*glutinosa*, "Wall.:" *Hook.*—*Dicksonia appendiculata*.





## PLATE XLV.

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### A.

GEN. 79.—**ANTROPHYUM**, *Kaulfuss*. [Synopsis p. lviii.]

FIG. 1. Fragment of frond of *A. CATENARIUM*, *Ktze*.

2. Portion of the same more enlarged, showing the immersed sori.

3. Spore-case.

4. Spores.

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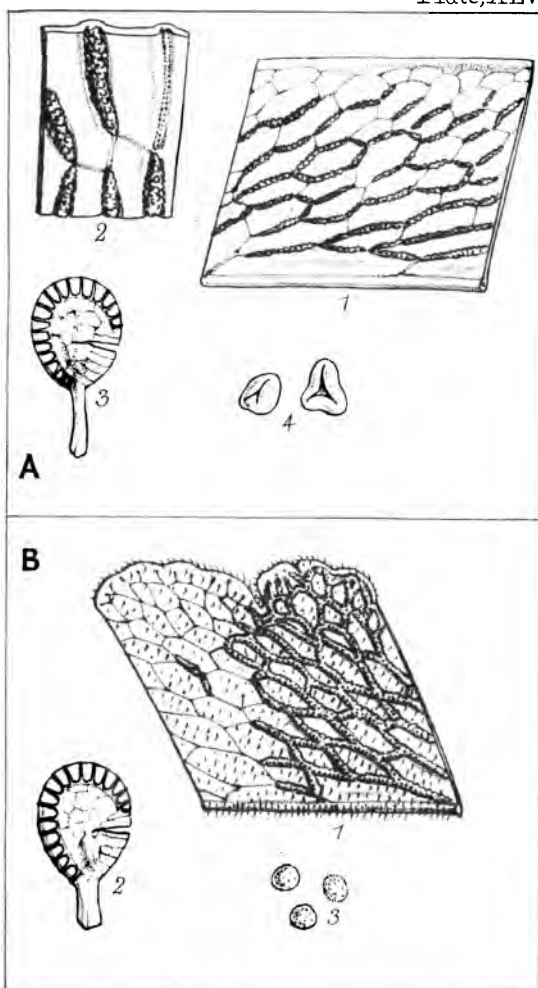
### B.

GEN. 80.—**HEMIONITIS**, *Linnaeus*. [Synopsis p. lviii.]

FIG. 1. Fragment of frond of *H. PALMATA*, *Lin.*, showing the uniform netted veins and sori.

2. Spore-case.

3. Spores.



J. Fitch, del.

**A.** Antrophyum **B.** Hemionitis





## PLATE XLVI.

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### A.

GEN. 81.—**DICTYOCLINE**, *Moore*. [Synopsis p. lix.]

FIG. 1. Fragment of *D. GRIFFITHII*, *Moore*, showing the netted sori between the pinnate veins.

2. Spore-case.

3. Spores.

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### B.

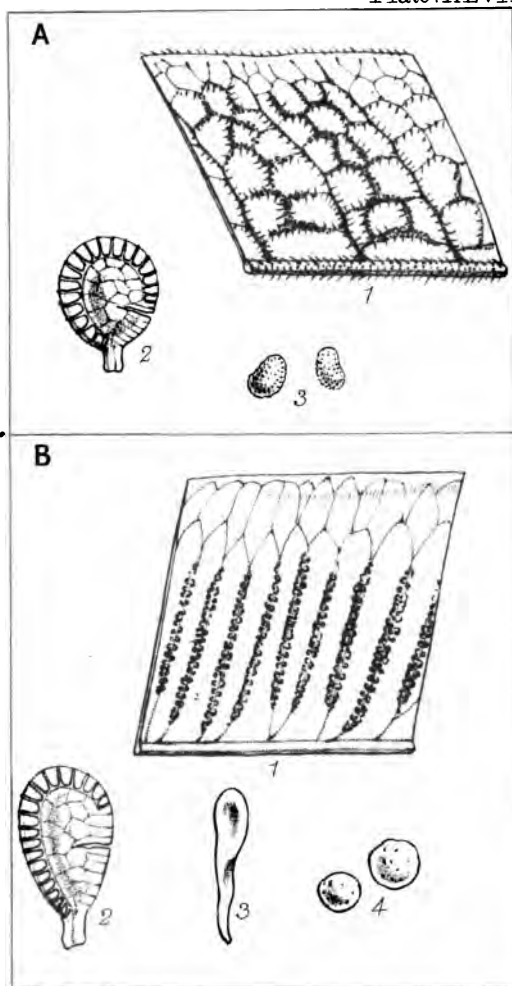
GEN. 82.—**SYNGRAMMA**, *J. Smith*. [Synopsis p. lix.]

FIG. 1. Fragment of frond of *S. ALISMÆFOLIA*, *J. Sm.* (n. s.)

2. Spore-case.

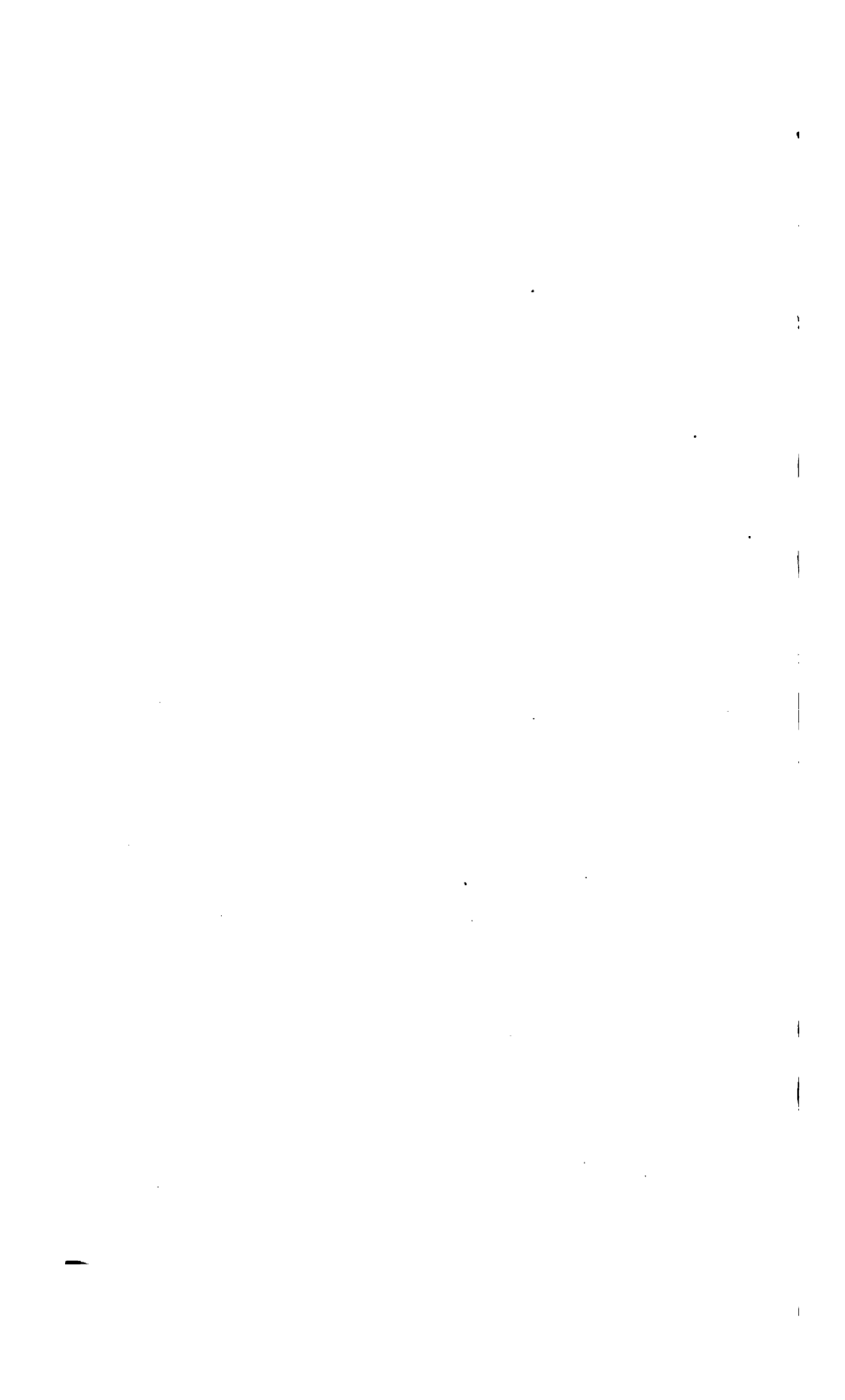
3. Sporanglastre.

4. Spores.

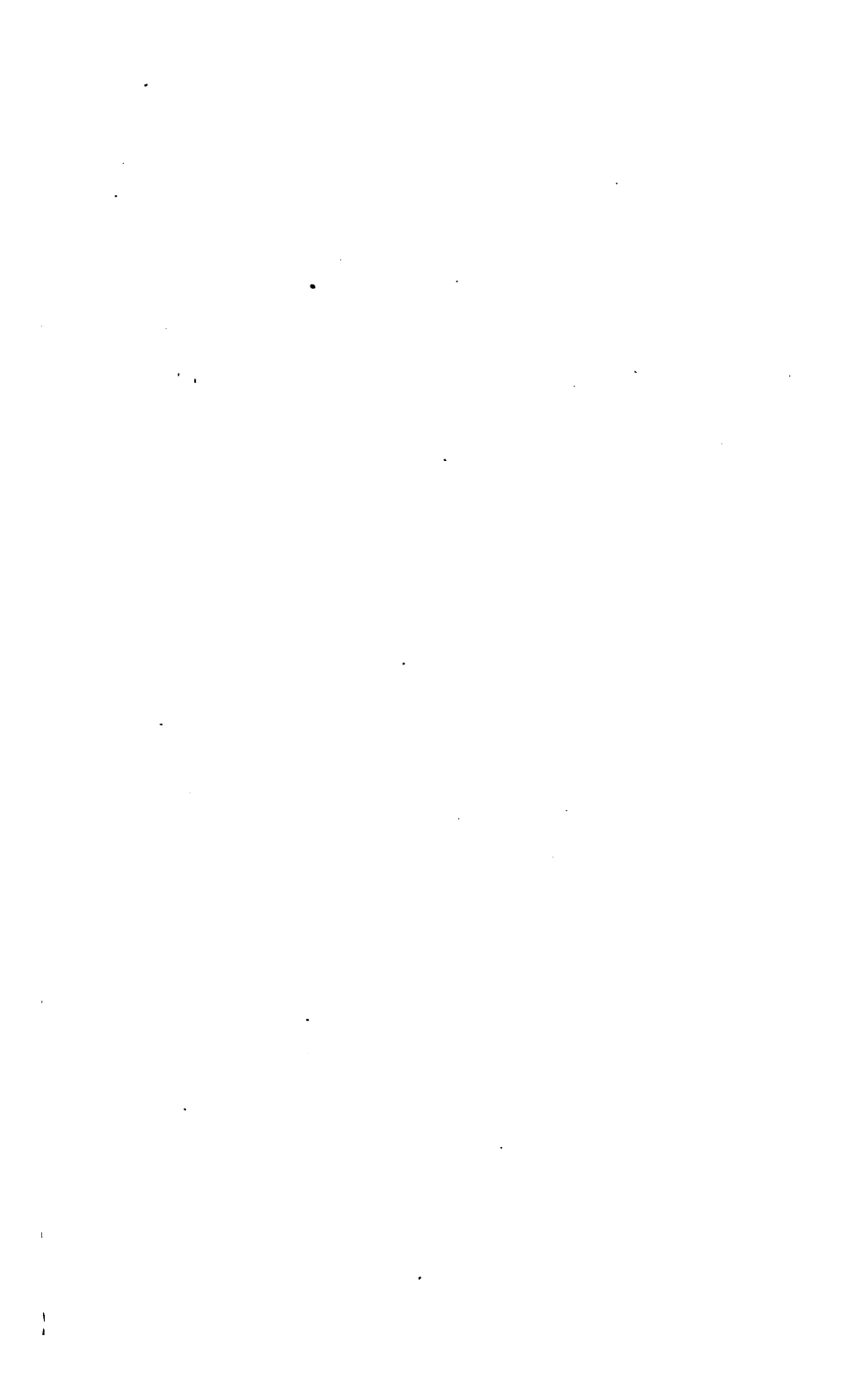


J. Fitch. del.

**A.** Dictyocline. **B.** Syngramma.







## PLATE XLVII.

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### A.

GEN. 83.—**DICTYOGRAMMA**, *Fée*. [Synopsis p. lx.]

FIG. 1. Fragment of *D. JAPONICA*, *Fée*, showing the partially reticulated sori, and the costal areoles.

2. Spore-case.

3. Spores.

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### B

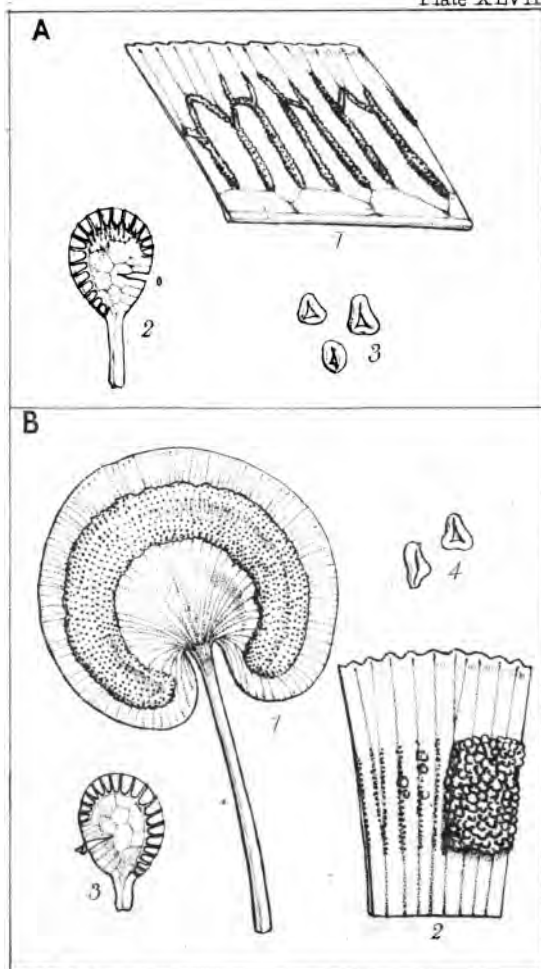
GEN. 84.—**PTEROZONIUM**, *Fée*. [Synopsis p. lxi.]

FIG. 1. Frond of *P. RENIFORME*, *Fée*, showing the Platyloma-like though intramarginal fructification (n. s.)

2. Portion of the same, magnified.

3. Spore-case.

4. Spores.



J. Fitch. del.

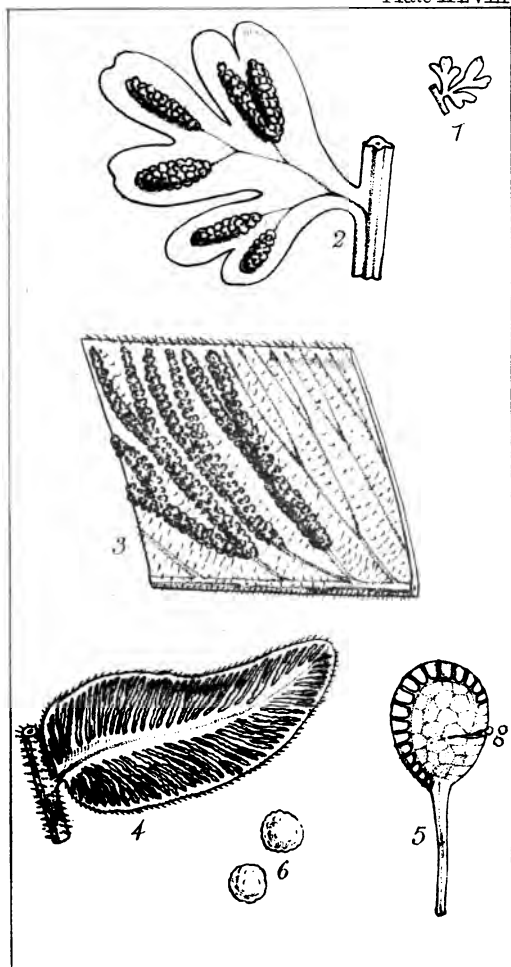
**A.** Dictyogramma **B.** Pterozonium.

## PLATE XLVIII.

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### GEN. 85.—**GYMNOGRAMMA**, *Desous.* [Syn. p. lxi.]

- FIG. 1. Pinnule of *G. LEPTOPHYLLA*, *Desv.* (n. s.)  
2. Another pinnule, magnified, showing the forked sori.  
3. Fragment of *G. RUFA*, *Desv.* showing the forked sori.  
4. Pinna of the same (n. s.)  
5. Spore-case.  
6. Spores.



J. Fitch, del.

Gymnogramma





## PLATE XLIX.

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GEN. 86.—**GRAMMITIS**, *Swartz.* [Synopsis p. lxii.]

FIG. 1. Fertile frond of *G. BILLARDIERI*, *Willd.* (n. s.)

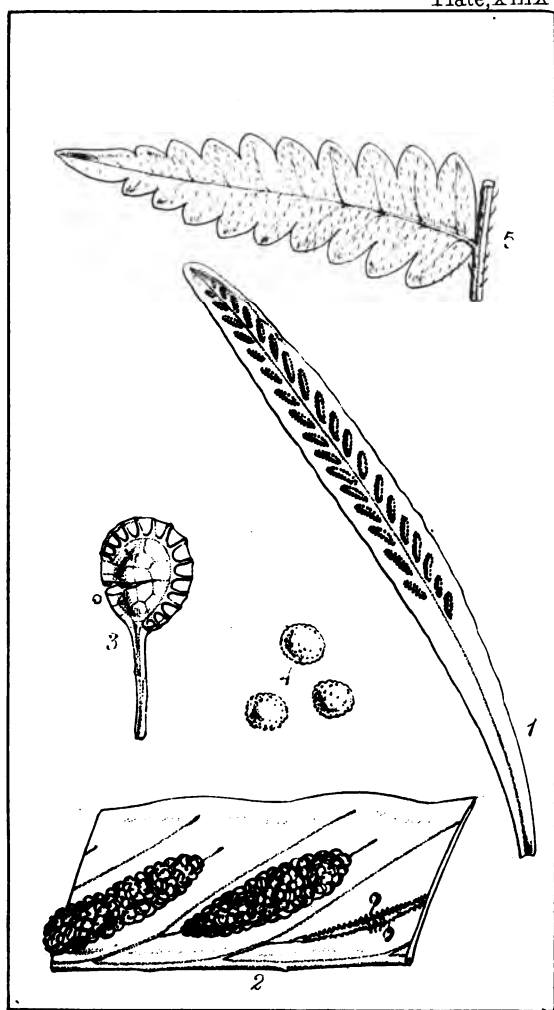
2. Portion of the same, magnified, showing the sori and receptacle.

3. Spore-case.

4. Spores.

5. Pinna of *G. TOTTA*, *Presl*, showing the upper surface (n. s.)





Fitch del,

*Grammitis*.





## PLATE L.

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### A.

GEN. 87.—**CALYMMODON**, *Presl.* [Synopsis

- FIG. 1. Fertile frond of *C. ovoculatus*, *Presl* (n. s.)  
2. Segments of the same, enlarged, partially  
3. Spore-case.  
4. Spores.
- 

### B.

GEN. 88.—**STEGNOGRAMMA**, *Blume.* [Synopsis

- FIG. 1. Fragment of *S. aspidioides*, *Blume* (n. s.)  
2. Portion of the same, enlarged.  
3. Spore-case,  
4. Spores.

\*.\* Gen. 89. **AMPELOPTERIS**, *Kze* [Syn. p. lxiv.] is included in *Go*

A



B



## PLATE L.

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### A.

GEN. 87.—**CALYMMODON**, *Presl*. [Synopsis p. lxiii.]

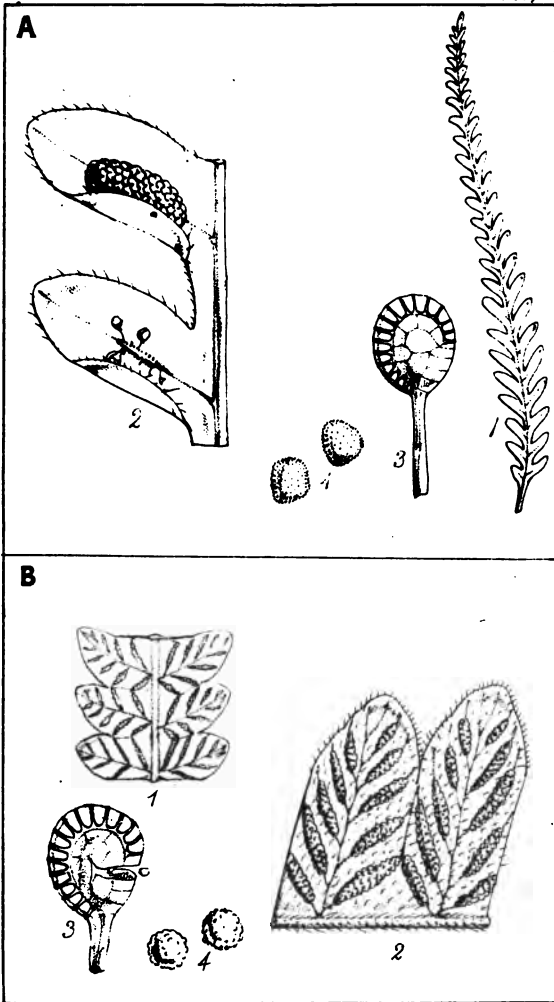
- FIG. 1. Fertile frond of *C. ocellatus*, *Presl* (n. s.)  
2. Segments of the same, enlarged, partially folded.  
3. Spore-case.  
4. Spores.
- 

### B.

GEN. 88.—**STEGNOGRAMMA**, *Blume*. [Synopsis p. lxiii.]

- FIG. 1. Fragment of *S. aspidioides*, *Blume* (n. s.)  
2. Portion of the same, enlarged.  
3. Spore-case.  
4. Spores.

\*.\* Gen. 89. **AMPELOPTERIS**, *Kze* [Syn. p. lxiv.] is included in *Goniopteris*.

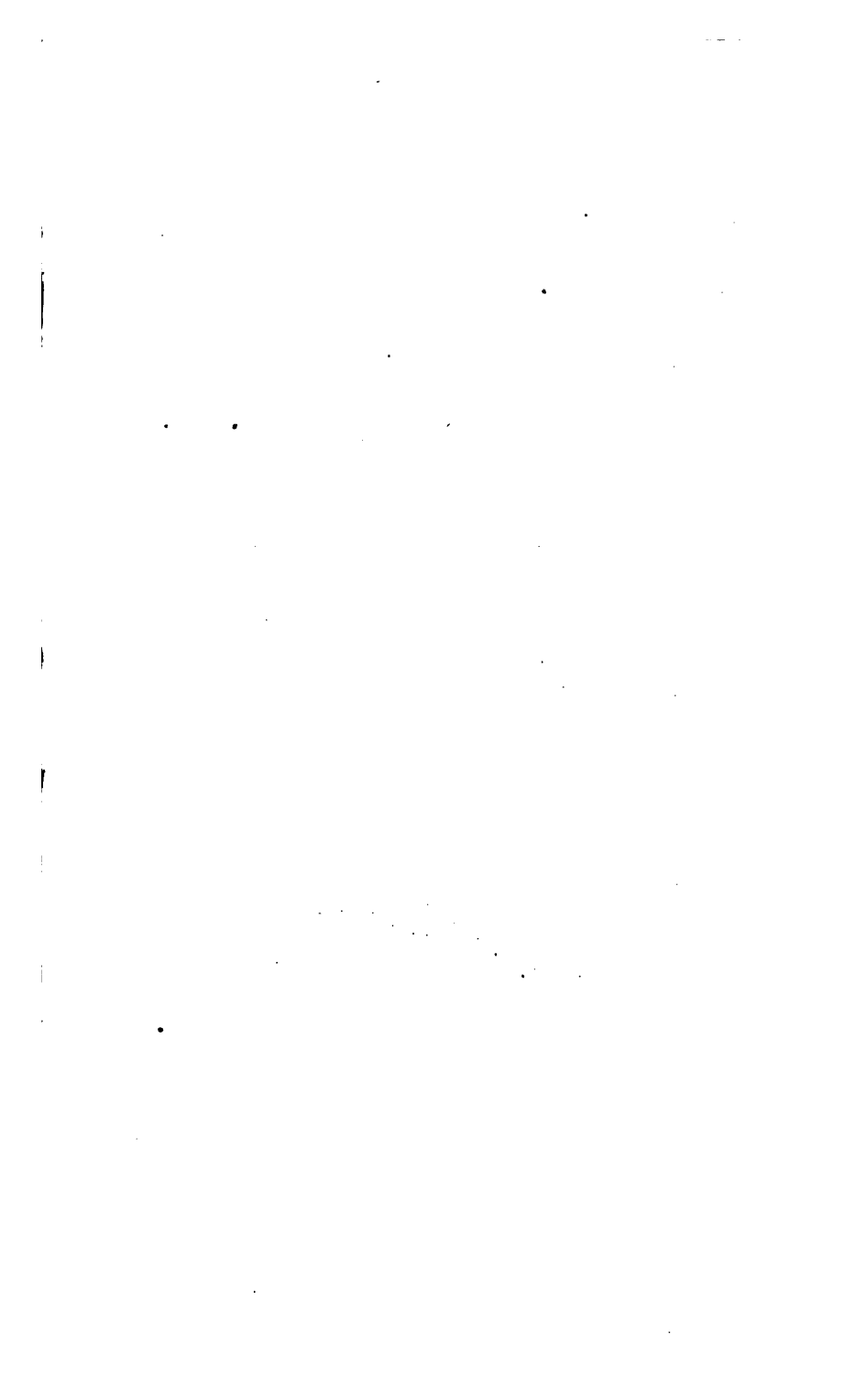


Fitch del.

A. Calymmodon B. Stegnogramma.







## PLATE LI.

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### A.

GEN. 90.—**DIGRAMMARIA**, *Presl.* [Synopsis p. lxiv.]

FIG. 1. Fragment of *D. AMBIGUA*, *Presl.* (ex *Presl.*)

2. Fragment of fertile frond of the (supposed) same species, showing the costal areoles, and double sori.

3. Spore-case.

4. Spores.

---

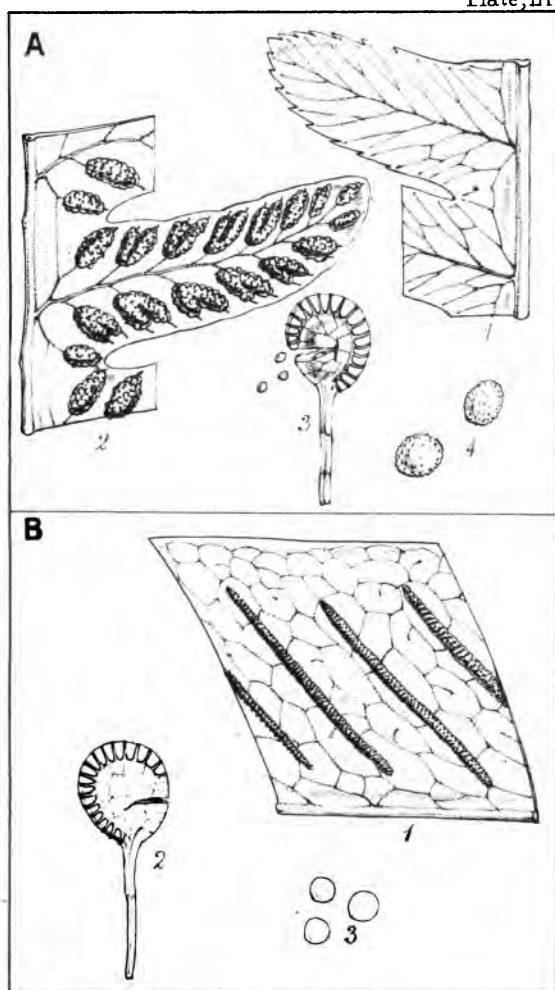
### B.

GEN. 91.—**LOXOGRAMMA**, *Blume.* [Synopsis p. lxv.]

FIG. 1. Fragment of *L. MACROPHYLLA*, *Moore*, showing the uniform venation (n. s.)

2. Spore-case.

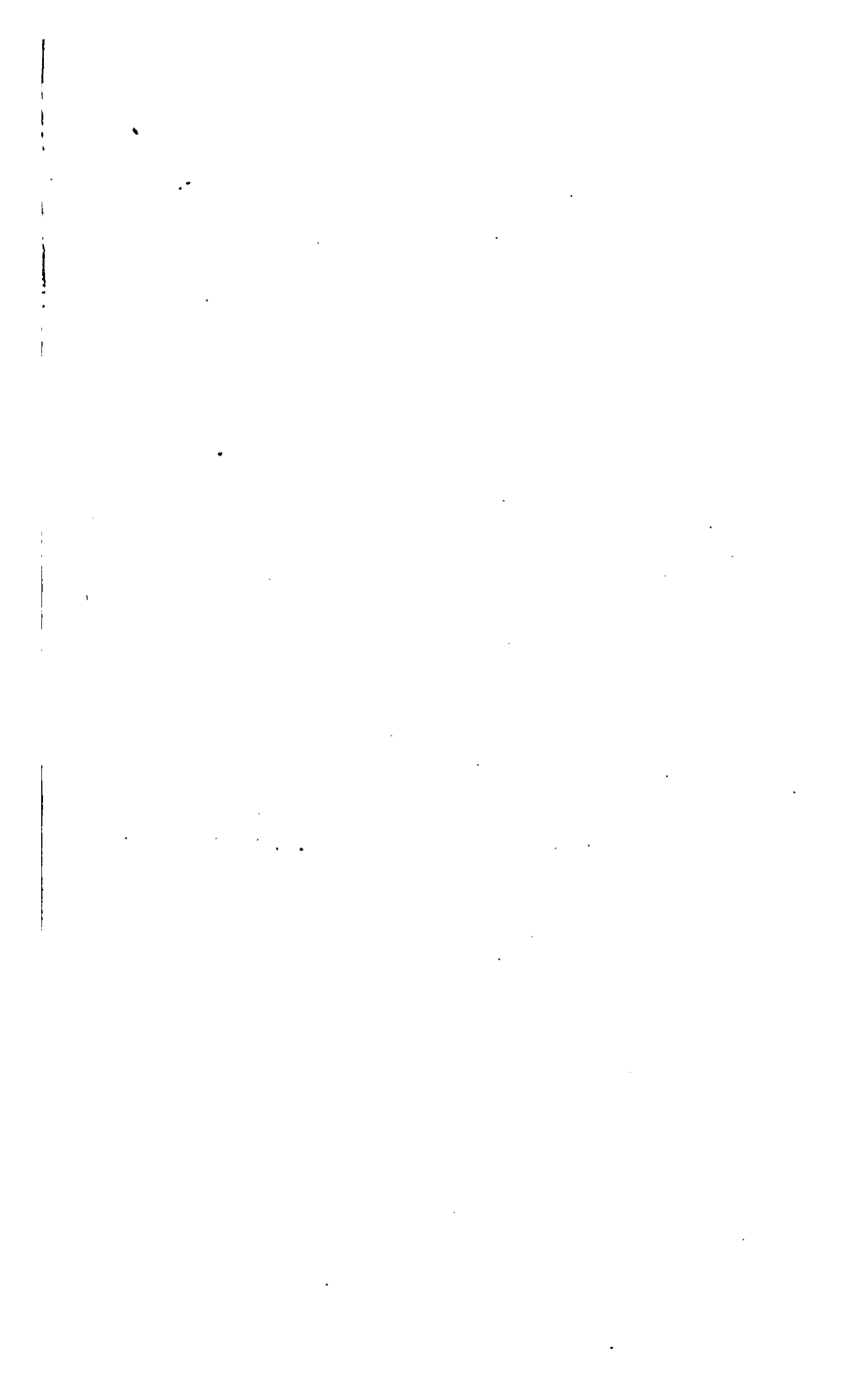
3. Spores.



Fitch del,

**A.** *Digrammaria* **B** *Loxogramma*.





## PLATE LII.

---

### A.

GEN. 92.—**SELLIGUEA**, *Bory.* [Synopsis p. lxi.]

FIG. 1. Fragment of *S. POTHIFOLIA*, *J. Sm.* scarcely showing the pinnate venation.

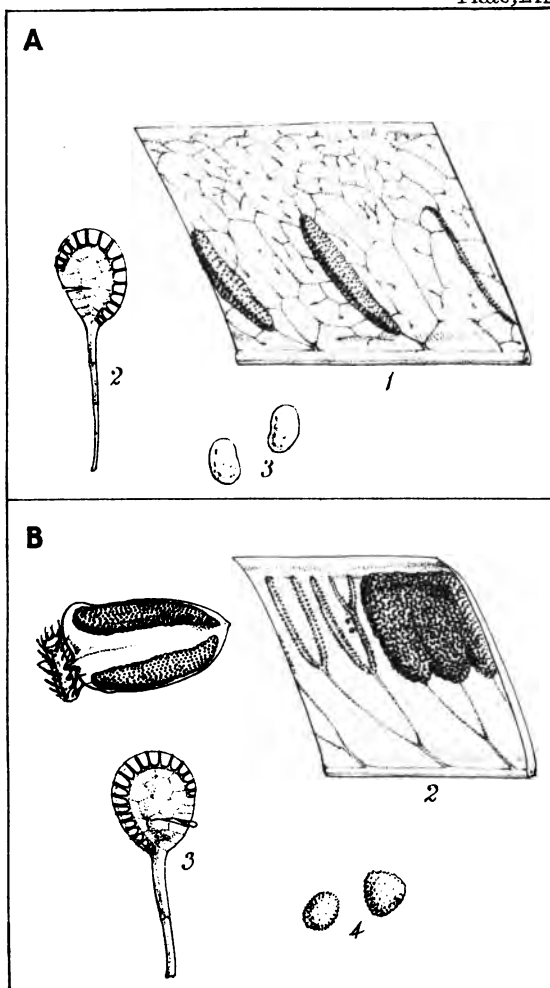
2. Spore-case,
  3. Spores.
- 

### B.

GEN. 93.—**PLATYLOMA**, *J. Smith.* [Synopsis p. lxi.]

FIG. 1. Pinna of *P. ROTUNDIFOLIUM*, *J. Sm.* (n. s.)

2. Fragment of the same, enlarged, showing the contiguous lines of spore-cases which make up the broad marginal sorus.
3. Spore-case.
4. Spores.

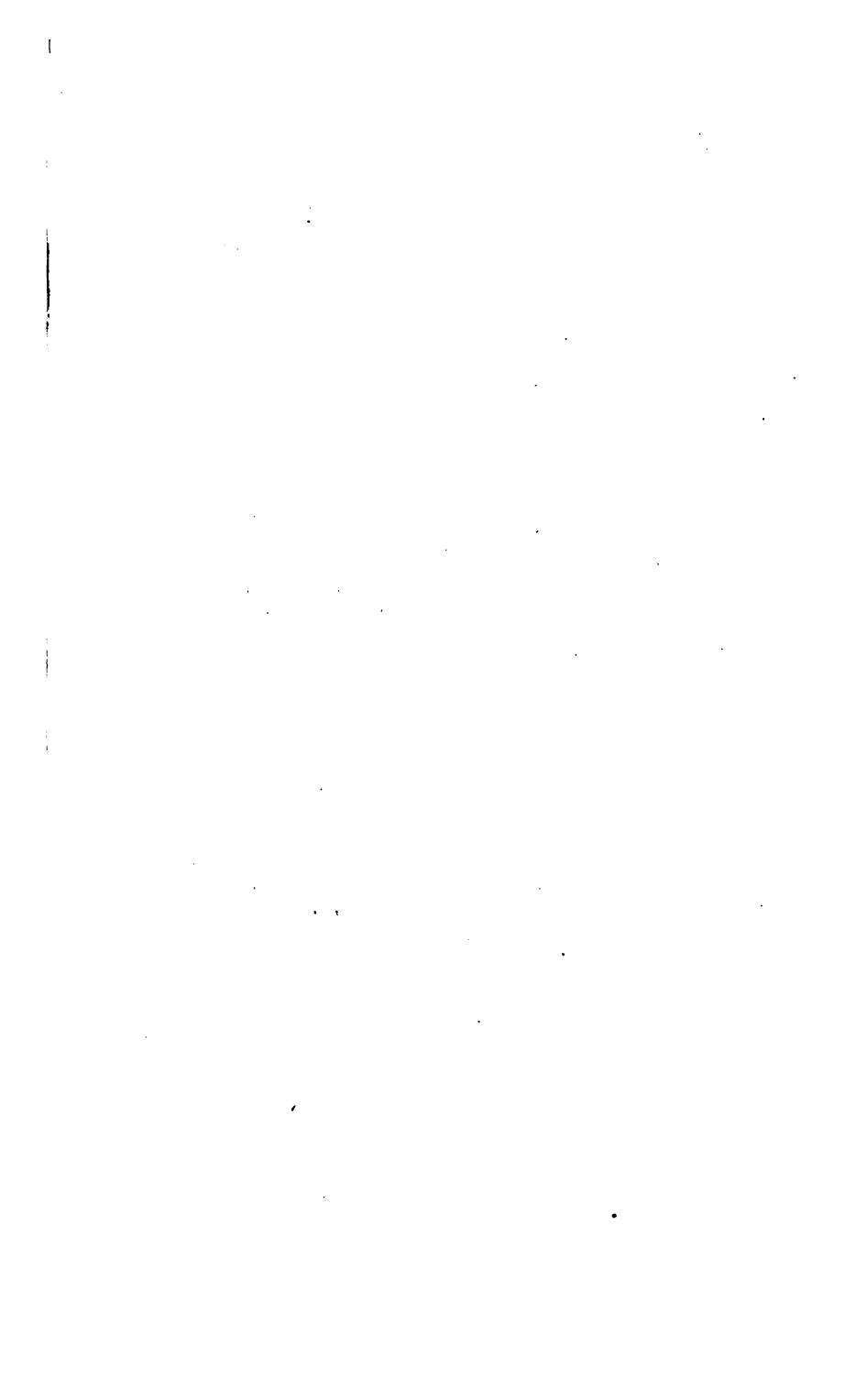


Fitch del,

**A.** Seligeria **B.** Platyloma .







## PLATE LIII.

---

### A.

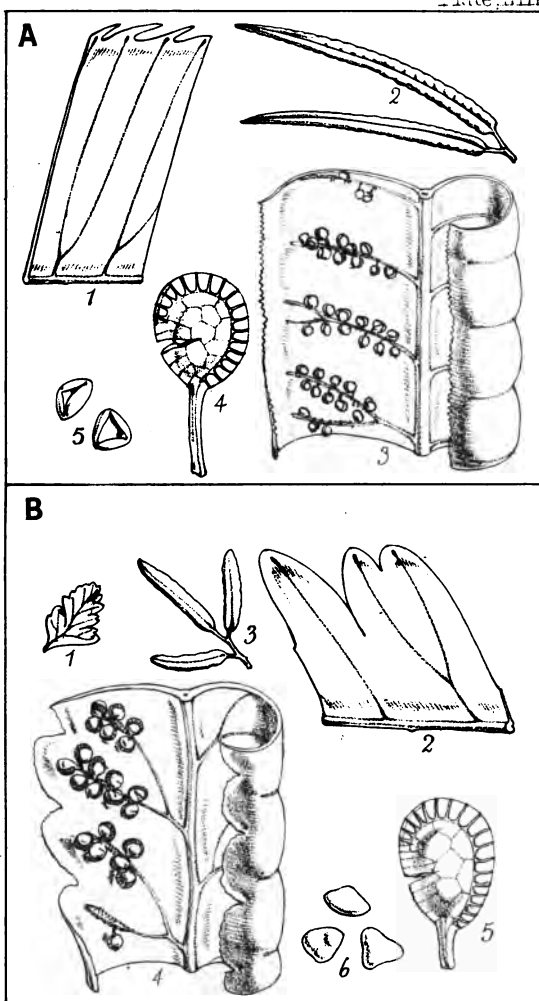
GEN. 94.—**LLAVEA**, *Lagasca*. [Synopsis p. lxvii.]

- FIG. 1. Fragment of sterile frond of *L. CORDIFOLIA*, *Lag.*  
2. Pinnules of fertile frond of the same (n. s.)  
3. Portion of the fertile pinnule, enlarged and opened to show the attachment of the spore-cases.  
4. Spore-case.  
5. Spores.
- 

### B.

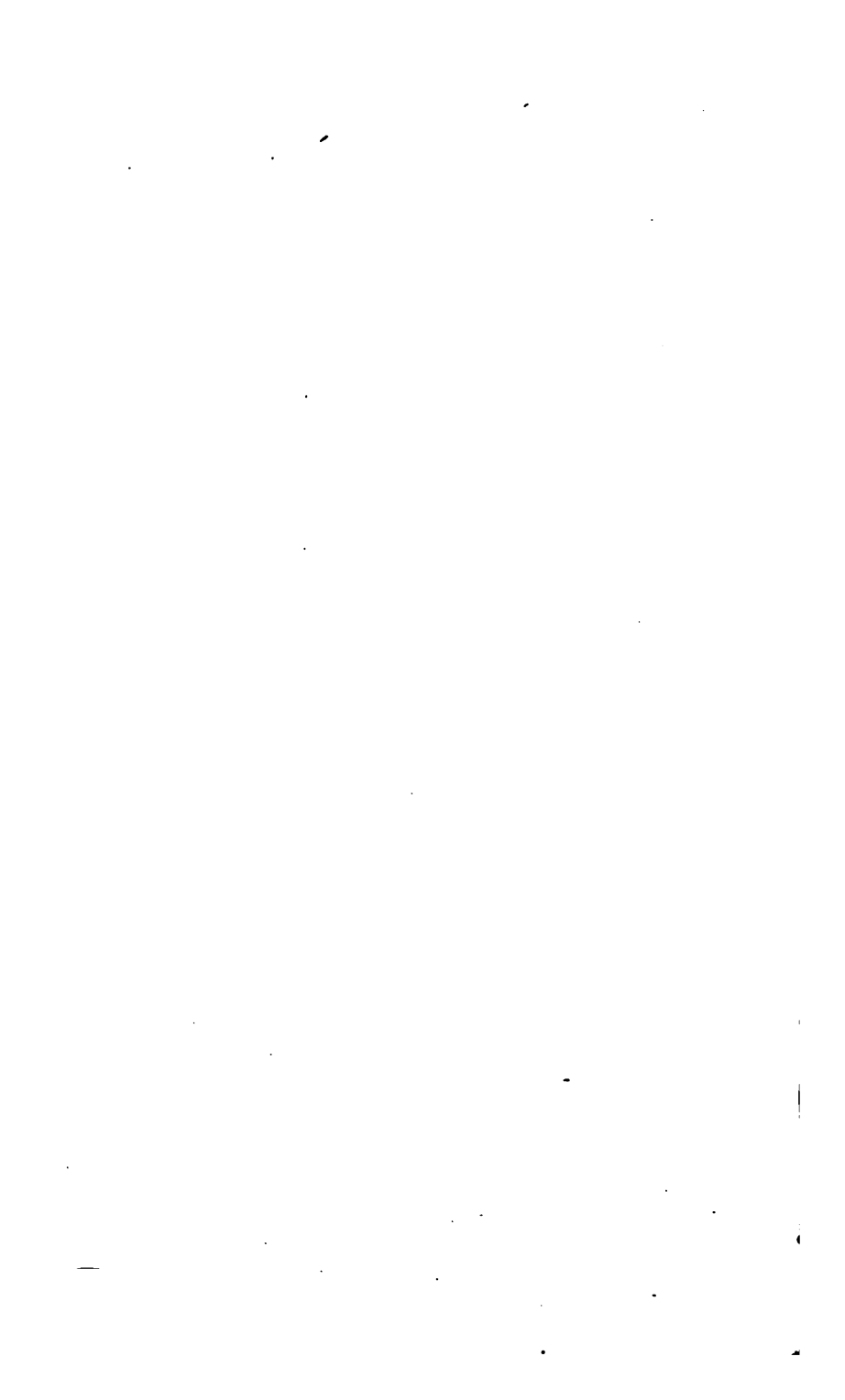
GEN. 95.—**CRYPTOGRAMMA**, *E. Br.* [Syn. p. lxvii.]

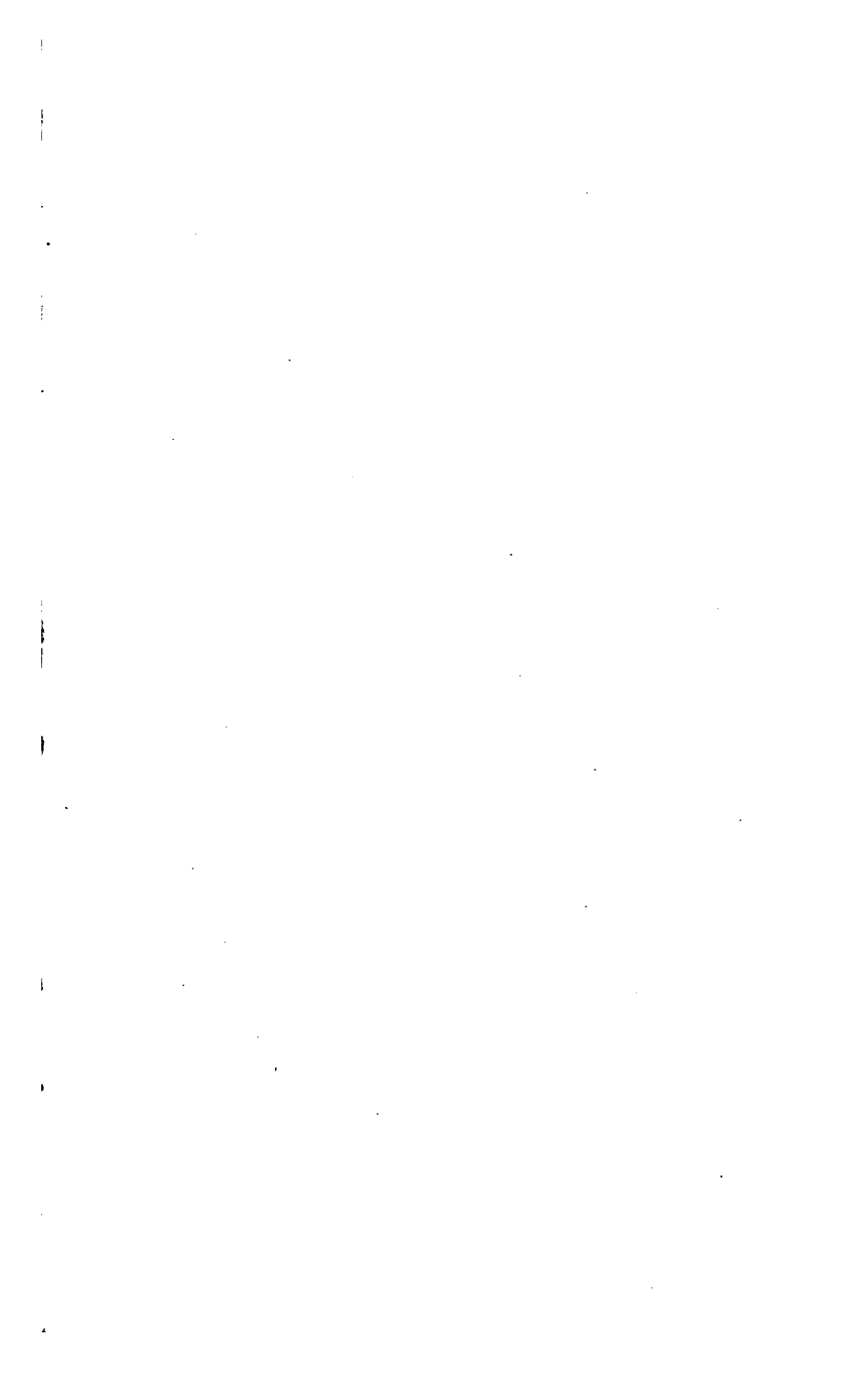
- FIG. 1. Pinnules of *C. ACROSTICHOMIDES*, *E. Br.* ster. frond (n. s.)  
2. Fragment of the same, enlarged.  
3. Pinnules of fertile frond of the same (n. s.)  
4. Fragment of the fertile pinnule, enlarged and unrolled to show the disposition of the sori.  
5. Spore-case.  
6. Spores.



Fitch, del.

A. Llavea B. Cryptogramma.





## PLATE LIV.

---

### A.

#### GEN. 96.—**ALLOSORUS**, *Bernhardsi*. [Synopsis p. lxviii.]

FIG. 1. Pinna of sterile frond of *A. CRISPUS*, *Bernh.* (n. s.)

2. Pinnules of fertile frond of the same (n. s.) -

3. Portion of the same, enlarged and unrolled to show the disposition of the sori.

4. Spore-case.

5. Spores.

---

### B.

#### GEN. 97.—**STRUTHIOPTERIS**, *Willd.* [Syn. p. lxviii.]

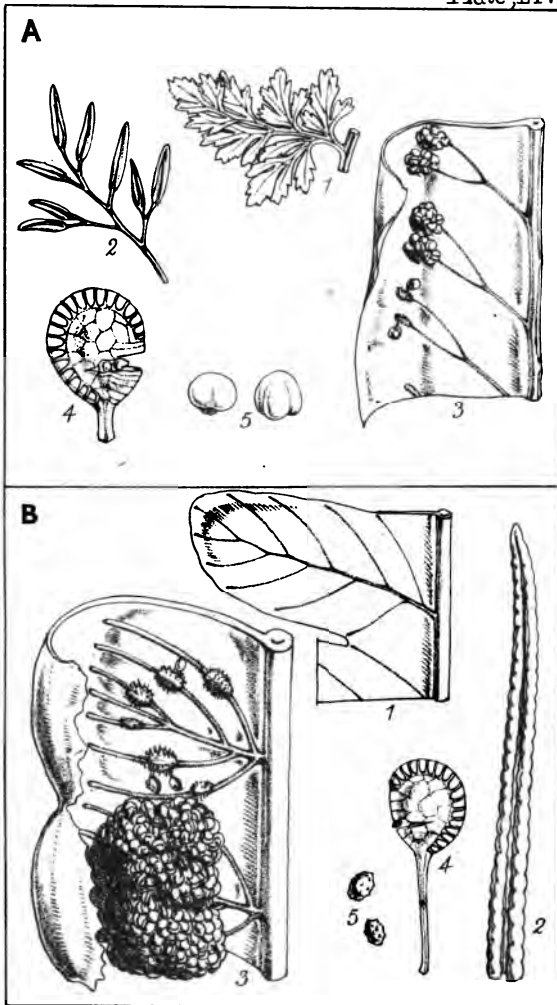
FIG. 1. Segment of sterile frond of *S. GERMANICA*, *Willd.*

2. Part of a fertile pinna of the same (n. s.)

3. Fragment of the same enlarged, and opened to show the disposition of the sori.

4. Spore-case.

5. Spores.



Fitch del.

A. Allosorus B. Struthiopteris





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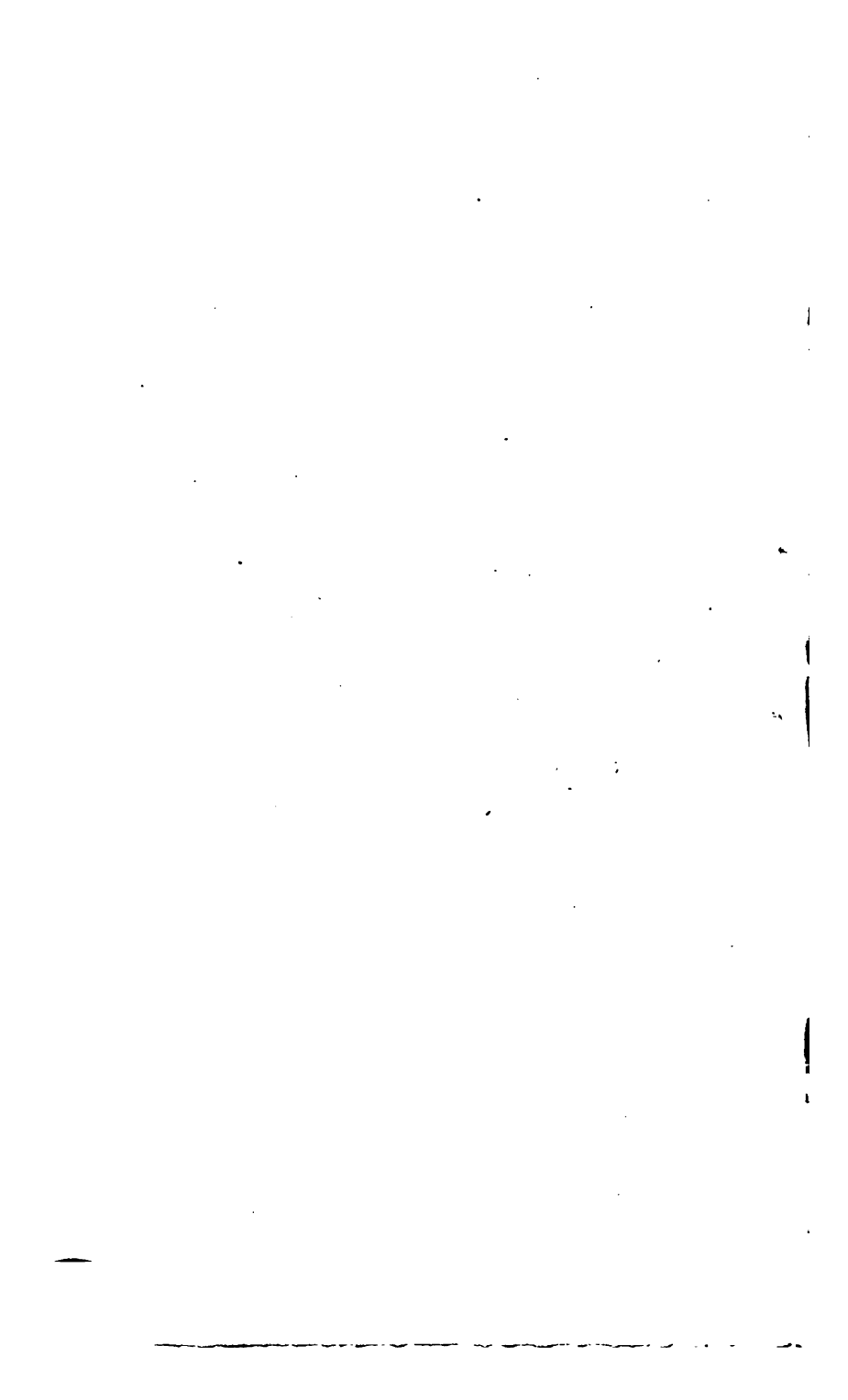
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London, 1854.

*Hookeriana*, Kl.—*Dennstædtia cicutaria*, ?.

*humilis*, Willd. Hb.—*Cystopteris fragilis*, L.

*integra*, Sw.—*Dicksonia arborescens*.

*japonica*, Sw.—*Microlepia japonica*.

*javanica*, Bl. Enum. 240.—Java (Zoll. 1894).

*Dicksonia javanica*, Hook. Sp. Fil. i. 78.

*Balanium Blumel*, Kze. Bot. Zeit. vi. 214.—f. Haackl.

*Cibotium magnificum*, De Vriese MS.—f. Kze.

*Dicksonia Blumel*, Moore, ante p. 190.

*Karsteniana*, M. [ante p. 190].—Columbia (*Moritz* 397;

*Karst.* ii. 9), Venezuela (*Fendl.* 57); New Grenada (*Lind.*

1007); Ecuador (*Seem.* 947; *Spruce* 5366); Peru: Tara-

pota (*Spruce* 4728).

*Dicksonia arborea*, *Karsten MS.*—f. Kl.

*Balanium Karstenianum*, Kl. Bot. Zeit. v. 693; *Id. Lin.* xx. 444; *Fée*,

*Gen. Fil.* 341; *Kze. Lin.* xxiii. 239; *Reichardt, Gefassb.* 18, t. 3  
figs. 32, 33.

*Kaulfussiana*, Gaud.—*Microlepia hirta*.

*lavis*, Hew.—*Dicksonia lanata*.

*Lambertzeana*, Remy, Gay, *Hist. Chil.* vi. 523.—Chili.

*Dicksonia Lampertiana*, Sturm, Enum. Chil. 87.

*lanata*, Colenso, *Tasm. Journ. Nat. Sc.* ii. 181 (1842).—New  
Zealand (*Mossman* 641).

*Dicksonia lanata*, Hook. Sp. Fil. i. 69, t. 23 C; Hook. fl. Fl. New Zea-  
land ii. 10; J. Sm. Cat. Kew Ferns 7.

*Dicksonia lavis*, Howard, Lond. Journ. Bot. i. 283; J. Sm. Lond.  
Journ. Bot. i. 435.

*Dicksonia unistipa*, Colenso MS.: Hb. Hook.

*Balanium lanatum*, Fée, Gen. Fil. 341.

—*β. hispida*, Colenso MS.—New Zealand.

*Lindeni*, Hook.—*Dicksoni Plumeri*, *β.*

*linearis*, Cav. *Prælect.* (1801).—Marianne Islands; Philippine  
Islands.

*Dicksonia linearis*, Sw. Syn. Fil. 139; Willd. Sp. Pl. v. 463; Poir.

Enc. Supp. ii. 473; Desv. Prod. 317; Hook. Sp. Fil. i. 73.

(An *Microlepia pinnata*, *β.*)

*Lessoni*, Bory.—*Microlepia Speluncæ*.

*macrophylla*, Desv.—*Dennstædtia obtusifolia*.

*madagascariensis*, Kze.—*Microlepia madagascariensis*.

*marginalis*, Sw.—*Microlepia marginalis*.

*Martiana*, Kl. MS.: Hb. Reg. Ber.—S. Brazil.

*Dicksonia Martiana*, Hook. Sp. Fil. i. 70, t. 24 B.

*Mathewsii*, Hook.—*Dennstædtia concinna*.

*millefolia*, Desv.—*Microlepia Speluncæ*.

*moluccana*, Roxb.: Wall.—*Dicksonia sorbifolia*.

*moluccana*, Bl.—*Dennstædtia moluccana*.  
*moluccana*, Moritz: Hort.—*Dennstædtia scandens*.  
*montevidensis*, Spreng.—*Woodsia incisa*.  
*multifida*, Sw.—*Microlepia Speluncæ*.  
*multifida*, Presl, (Rel. Hænk.)—*Microlepia aspidioides*.  
*neglecta*, Fée.—*Dennstædtia Smithii*.  
*nitidula*, Kze.—*Dennstædtia davallioides*.  
*obtusula*, Moritz. (*Fée, Gen. Fil.* 335).  
*obtusifolia*, Willd.—*Dennstædtia obtusifolia*.  
*ordinata*, Klfs.—*Dennstædtia ordinata*.  
*organensis*, Miers MS. (J. Sm.) } —*Dicksonia Sellowiana*.  
*organica*, Miers MS. (Hook.) }  
*Pavoni*, Hook.—*Dennstædtia Pavoni*.  
*pilosiuscula*, Raddi.—*Dennstædtia cicutaria*.  
*pilosiuscula*, Willd.—*Dennstædtia punctilobula*.

Plumieri, *Hook. Sp. Fil.* i. 72.—West Indies: Jamaica, St. Domingo, Dominica, Trinidad, Guadeloupe, Cuba (*Lind.* 1749; *Wright* 897); Columbia (*Karsten* ii. 386); Caraccas (*Lind.* 1642); Venezuela (*Fendl.* 61 β.); New Grenada (*Lind.* 1031).—*Plum.* t. 7.

*Cibotium adiantoides*, *Presl, Tent. Pter.* 69.  
*Davallia adiantoides*, *Sw. Syn. Fil.* 131; *Willd. Sp. Pl.* v. 489; *Poir. Enc. Supp.* v. 351; *Spreng. Syst.* 119; *Desc. Prod.* 314.  
*Davallia domingensis*, *Spreng. Atl.* iii. 149, t. 4, fig. 33.  
*Microlepia adiantoides*, *J. Sm. Lond. Journ. Bot.* i. 427.  
*Microlepia Plumieri*, *Fée, Gen. Fil.* 327.  
*Patania adiantoides*, *Presl, Epim. Bot.* 102.  
 (An *Dennstædtia* sp.)

—β. Lindeni, M.—Columbia (*Karsten* 29; *Moritz* 284); Caraccas (*Lind.* 166); Venezuela (*F. et Schl.* 600; *Fendl.* 61); New Grenada; W. Indies: Gaudeloupe.

*Dicksonia Lindeni*, *Hook. Sp. Fil.* i. 72, t. 25 B; *KL. Lin.* xviii. 543; *Kze. Lin.* xiii. 249; *Matten. Fil. Lips.* 105, t. 28, fig. 6, 7; *Reichardt, Gefassb.* 21, t. 3, fig. 42, 43.  
*Microlepia Lindeni*, *Fée, Gen. Fil.* 327.  
*Patania Lindeni*, *Presl, Epim. Bot.* 103.

*polypodioides*, Sw.—*Microlepia Speluncæ*.  
*prolifera*, Klfs.—*Deparia prolifera*.  
*pubescens*, Schkr. }  
*punctiloba*, Hook. } —*Dennstædtia punctilobula*.  
*punctilobula*, Kze. }

♀ *punctulata*, *Poir. Enc. Supp.* ii. 475.—South America.

*recognita*, Kze.—*Dennstædtia obtusifolia*.  
*repens*, Bory.—*Acrophorus repens*.  
*riparia*, Beyrich Hb.: *Presl.*—*Dicksonia Sellowiana*.  
*rubiginosa*, Klfs.—*Dennstædtia rubiginosa*.  
*rubiginosa affn.* Hort. Ber.—*Dennstædtia davallioides*.

- scabra*, Wall.—Dennstædtia *scabra*.  
*scandens*, Lodd.—Polybotrya *cylindrica*.  
*scandens*, Bl : Hort.—Dennstædtia *scandens*.  
*Sellowiana*, Hook. *Sp. Fil.* i. 67, t. 22 B.—Brazil (*Riedel* 317 ; *Regn.* ii. 321) ; Organ Mountains ; Panama.  
*Dicksonia Sellowiana*, J. Sm. *Bot. Voy. Herald.* i. 239 ; *Brack. U.S. Expl. Exped.* xvi. 277.  
*Dicksonia organensis*, Miers *MS.* : J. Sm. *Lond. Journ. Bot.* i. 435.  
*Dicksonia organica*, Miers *MS.*—f. Hook.  
*Dicksonia riparia*, Beyrich *Hb.*—f. Presl.  
*Alsophila glauca*? Hort. *Ber.*—f. Kze.  
*Balanium Sellowiana*, Presl, *Tent. Pter.* 134 ; *Kze. Lin.* xxiii. 239.  
*siifolia*, Kze. *MS.*—Dennstædtia *cicutaria*.  
*Smithii*, Hook.—Dennstædtia *Smithii*.  
*solida*, Kze.—Dennstædtia *solida*.  
*sorbifolia*, Sm. *Rees' Cyclop.* vii.—India : Isle of Honimoe ; Moluccas.  
*Dicksonia sorbifolia*, Hook. *Sp. Fil.* i. 72, t. 25 A.  
*Dicksonia moluccana*, Roxb. *Calc. Journ. Nat. Hist.* iv. 517 ; *Wall. Cat.* 2174 (not in *Hb.*)  
*Cystodium sorbifolium*, J. Sm. *Lond. Journ. Bot.* i. 433 ; *Hook. Gen. Fil.* t. 98 ; *Fée, Gen. Fil.* 343.  
*splendens*, Desv.—Cibotium *Chamissoi*.  
*Sprucei*, Moore.—Dennstædtia *Sprucei*.  
*squarrosa*, Sw. *Schrad. Journ.* 1800, ii. 90 ; *Id. Syn. Fil.* 136, 355.—New Zealand (*Mossman* 640).  
*Dicksonia squarrosa*, Schkr. *Crypt.* 124, t. 130 ; *Willd. Sp. Pl.* v. 435 ; *Poir. Enc. Supp.* ii. 473 ; *Spreng. Syst.* 123 ; *Desv. Prod.* 317 ; *Hook. Sp. Fil.* i. 68 ; J. Sm. *Lond. Journ. Bot.* i. 435 ; *Hook. fil. Fl. New Zealand* ii. 9 ; *Brack. U.S. Expl. Exped.* xvi. 276 ; *Ralph. Journ. Lin. Soc.* iii. 169 ;—non *Lowe, Ferns* viii. t. 44.  
*Dicksonia formosa*, Colenso *MS.* : *Hb. Hook.*  
*Balanium squarrosus*, Kze. *Lin.* xxiii. 239, 409 ; *Fée, Gen. Fil.* 341.  
*Trichomanes squarrosus*, Forst. *Prod.* n. 476.  
*squarrosa*, Lodd. (olim.)—*Alsophila Loddigesiana*.  
*stenochlæna*, Fée.—Dennstædtia *stenochlæna*.  
*straminea*, Labill. *Sert. Aust. Cal.* 7, t. 10.—New Caledonia ; New Ireland ; Aneitium ; Feejee Islands ; Offack, Isle of Waigiou.  
*Dicksonia straminea*, Spreng. *Syst.* 123 ; *Hook. Sp. Fil.* i. 71.  
*Dicksonia Torreyana*, Brack. *U. S. Expl. Exped.* xvi. 278, t. 38, fig. 2.  
*Sitolobium stramineum*, Brack. *Expl. Exped.* xvi. 273.  
*straminea*, Bory,—? *Microlepis moluccana*.  
*strigosa*, Sw.—*Microlepis strigosa*.  
*tenera*, Presl.—Dennstædtia *cicutaria*,  $\beta$ .  
*Torreyana*, Brack.—*Dicksonia straminea*.  
*umbrosa*, Liebm.—Dennstædtia *rubiginosa*.  
*unistipa*, Col. *MS.*—*Dicksonia lanata*.

*zeylanica*, Sw.—Dennstædtia flaccida.

*Zippeliana*, Kze.—Dennstædtia scandens.

**DICLIDOPTERIS**, Brackenridge, Wilkes' *United States Expl. Exped.* xvi. 185. [Synopsis p. xxvi.]

*angustissima*, Brack. *U. S. Expl. Exped.* xvi. 185, t. 17.—  
Feejee Islands; Samoan Islands.

**DICLISODON**, Moore. [Synopsis p. xcv.]

*deparioides*, M. [Synopsis xcv.]—Ceylon (*Col. Perad.* 3062);  
S. India: Anamallay Hills (*Capt. Beddome*).

*Aspidium deparioides*, Hook. *Fil. Exot.* i. t. 3.

*Aspidium odontosorum*, Hook. *MS.*

*Lastrea deparioides*, Moore *MS.*

*Nephrodium deparioides*, Hook. *Fil. Exot.* i. t. 53, and t. 60, in obs.

**Dicranodium**, Newman, *Brit. Ferns* 3 ed. 13.—GYMNOGRAM-  
MA LEPTOPHYLLA.

**DICRANOGLOSSUM**, J. Smith, *Bot. Voy. Herald* i.  
232 (reduct). [Synopsis p. xxxii].

*furcata*, J. Sm.—*Tæniopsis furcata*.

*subpinnatifidum*, M. [Synopsis xxxiii.]—B. Guiana (*Rob. Schomb.* 230; *Rich. Schomb.* 243; *Appun* 189); Suri-  
nam (*Hostm.* 95; *Kegel* 124); Para (*Spruce* 7); Sao  
Gabriel (*Spruce* 2370); W. Indies: Trinidad.

*Cuspidaria subpinnatifida*, Fée, *Gen.* 88, t. 8 A, fig. 1; *Id. Vitt.* 26.

*Pteropsis furcata*, Desv. *Prod.* 218; J. Sm. *Hook. Journ. Bot.* iv. 67;  
*Id. Lond. Journ. Bot.* i. 196 (excl. syn. Willd.)

*Tænitis Desvauxii*, Kl. *Lin.* xx. 431; Kze. *Lin.* xxi. 214; Metten. *Fil.*  
*Lips.* 27.

*Tænitis furcata*, Hook. et Grav. *Icon. Fil.* t. 7. (excl. syn.); Kze. *Lin.*  
ix. 53 (excl. syn. Desv. et Lin.); *Splüsg. Tijdsch. Nat.* vii. 400.

**Dicranopteris**, "Blume": Fée, *Gen. Fil.* 357—POLYPODIUM.

**Dicranopteris**, Bernhards, *Schrad. neues Journ.* i. part 2, 6, 88,  
t. 8, fig. 13.

*dichotoma*, Bernh.—*Gleichenia dichotoma*.

**Dicranophlebia**, Martins, *Icon. Select. Crypt. Bras.* 63, 67.—  
ALSOPHILA.

**DICTYOCLINE**, Moore, *Gard. Chron.* 1855, 854 [Synopsis  
p. lix.]

*Griffithii*, M. [Synopsis lix.]—India: Assam, Khasya.

*Dictyoeline Griffithii*, Metten. *Fil. Lechl. fasc.* ii. 8, in obs.  
*Hemionitis Griffithii*, Hook. *fil. et Th. Hb. Hort. Bot. Calc.*

[Gen. 64. Sp. 1223.]



## Dictyocline.—Dictyopteris.

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—*β. Wilfordii*, M.—Island of Formosa.

*Hemionitis Wilfordii*, Hook. *Fl. Exot.* 1. t. 93.

**Dictymia**, *J. Smith, Bot. Mag.* 1846, comp. 16.

*attenuata*, J. Sm.—*Dictyopteris attenuata*.

*lanceolata*, J. Sm.—*Dictyopteris lanceolata*.

**Dictyoglossum**, *J. Smith, Bot. Mag.* 1846, comp. 18.

*crinitum*, J. Sm.—*Hymenodium crinitum*.

**DICTYOGRAMMA**, *Fée, Gen. Fil.* 170. [Synops. lx.]

*elongata*, Moore.—*Dictyogramma pinnata*.

*japonica*, *Fée, Gen. Fil.* 171, t. 15 A, fig. 2.—Japan (*Goring* 11).

*Dictyogramma japonica*, *Presl, Epim. Bot.* 263 (erased and *Notogramma* substituted in our copy).

*Gymnogramma japonica*, *Desv. Berl. Mag.* v. 305; *Id. Journ. Bot.* iii. 26; *Id. Prod.* 215; *Ktze. Enum.* 81; *Spreng. Syst.* 40; *Kze. Schkr. Suppl.* ii. 39, t. 116; *Id. Bot. Zeit.* vi. 483; *Mett. Fil. Lips.* 41.

*Hemionitis japonica*, *Thunb. Fl. Jap.* 333; *Lam. Enc. Bot.* iii. 106; *Sw. Syn. Fil.* 21; *Willd. Sp. Pl.* v. 130.

*Notogramma japonica*, *Presl, Epim. Bot.* 263 (MS. corrig. in our copy).

*pinnata*, M.—Feejee Islands; Isle of Jobia.

*Dictyogramma elongata*, *Moore, Synops.* lx.

*Syngramma pinnata*, *J. Sm. Lond. Journ. Bot.* iv. 163, t. 7, 8 C; *Presl, Epim. Bot.* 146.

*Hemionitis elongata*, *Brack. U.S. Expl. Exped.* xvi. 66, t. 8.

**Dictyogramma**, *Presl, Epim. Bot.* 148 (§).—SELLIGUEA.

**DICTYOPTERIS**, *Presl, Tent. Pter.* 194. [Synops. p. lxxii.]

*attenuata*, *Presl, Tent. Pter.* 194, t. 8, fig. 8.—New Holland (*Sieb. Syn.* 93; *Id. Fl. Mist.* 237); Victoria, Hastings River; Feejee Islands.

*Dictyopteris attenuata*, *J. Sm. Hook. Journ. Bot.* iv. 64.

*Dictymia attenuata*, *J. Sm. Bot. Mag.* 1846, comp. 16; *Id. Cat. Ferns* 6; *Moore et Hoult. Gard. Mag. Bot.* iii. 92, and fig. 14 (p. 62.).

*Drynaria Browniana*, *Fée, Gen. Fil.* 270.

*Polypodium attenuatum*, *E. Br. Prod. Fl. Nov. Holl.* 146; *Spreng. Syst.* 46; *Lowe, Ferns* ii. t. 29 A; *Hook. Gard. Ferns* t. 30.

*Polypodium Brownianum*, *Kze. Lin.* xxiii. 276; *Presl, Tent. Pter.* 194.

*Polypodium Brownii*, *Wickstr. Kongl. Vet. Acad. Handl. Stockh.* 1825, 462; *Desv. Prod.* 227; *Mett. Fil. Lips.* 35, t. 25, fig. 34; *Id. Pol.* 85.

*Polypodium firmum*, *Kze. Wes. d. Fernr.* 100.

*attenuata*, Hook. (Gen.)—*Dictyopteris lanceolata*.

*Cumingiana*, *Presl*.—*Dictyopteris irregularis*.

*difformis*, Moore.—*Dictyopteris irregularis*.

*irregularis*, *Presl, Tent. Pter.* 194, t. 8, fig. 7.—Java (*Zoll.* 514, 514 a); Borneo (*Lobb* 184); Philippine Islands (*Cuming* 9, ? 114: non 114—f. Pr.); Penang; Singapore; Indian Archipelago (*Seem.* 2302); Moulmein; [Mexico—f. *Presl*].

*Dictyopteris irregularis*, *Brack. U.S. Expl. Exped.* xvi. 57.

*Dictyopteris macrodonta*, *Presl, Tent. Pter.* 194; *J. Sm. Hook. Journ. Bot.* iii. 396; iv. 64; *Fée, Gen. Fil.* 267, t. 21 A, fig. 2.

*Dictyopteris difformis*, *Moore*, ante p. 90.

*Dictyopteris Cumingiana*, *Presl, Epim. Bot.* 61, in obs.

*Aspidium difforme*, *Bl. Enum.* 100.

*Phegopteris difformis*, *Mett. Fil. Lips.* 84, t. 85, fig. 28.

*Phegopteris macrodonta*, *Mett. Phaeopt.* 31.

*Polypodium irregulare*, *Presl, Rel. Hank.* i. 25, t. 4, fig. 3; *Spreng.*

*Syst.* 56; *Leibn. Mez. Bregm.* 60.

*Polypodium difforme*, *Bl. Fl. Jav.* 131, in obs.; *Id. Fl. Jav.* 164, t. 72; *Kze. Lin.* xxiii. 277, 317.

*Polypodium macrodon*, *Reinw.*—f. Pr.

*Polypodium fecundum*, *Hassk. Cat. Hort. Bogor.* 5.

*Polypodium eximium*, *Kze. Bot. Zeit.* iv. 424; vi. 119; *Id. Lin.* xxiii. 270.

*Polypodium confuens*, *Wall. Cat.* 325.

*lanceolata*, *J. Sm. Hook. Journ. Bot.* iv. 64.—New Zealand: Cook Strait; New Hebrides, Ins. Mallicollo.

*Dictyopteris attenuata*, *Hook. Gen. Fil.* t. 71B; *Brack. U.S. Expl. Exped.* xvi. 57.

*Dictyomia lanceolata*, *J. Sm. Bot. Mag.* 1846, comp. 16, in obs.; *Hook. Fl. Fl. New Zealand* ii. 43.

*Grammitis lanceolata*, *A. Cunn.*—f. *J. Sm.*

*Polypodium attenuatum*, *Rich. Fl. New Zealand* 62; *A. Cunn. Comp. Bot. Mag.* ii. 362; *Hook. Icon. Fl.* t. 409 (excl. all syn. except *Hook. Gen.*)

*Polypodium Cunninghamii*, *Hook. Gard. Ferns* t. 30, in obs.

*macrodonta*, *Presl*.—*Dictyopteris irregularis*,

*petrophyta*, *Mett. Phaeopt. Index*.—Java.

*Polypodium petrophyum*, *Bl. Fl. Jav.* 163, t. 71.

*Aspidium saxicola*, *Bl. Enum.* 100; *Moore*, ante p. 103.

*pteroides*, *Presl, Tent. Pter.* 194, t. 8, fig. 6, 13.—Philippines (*Cuming* 171); Offack, Island of Waigiou.

*Dictyopteris pteroides*, *J. Sm. Hook. Journ. Bot.* iii. 396; iv. 64; *Fée, Gen. Fil.* 267, t. 21 A, fig. 1.

*Phegopteris Brongniartii*, *Mett. Phaeopt.* 31.

*Polypodium Brongniartii*, *Bory, Dup. Voy.* 263, t. 34.

*Polypodium pteroides*, *Presl, Rel. Hank.* 25, t. 4, fig. 4; *Spreng. Syst.* 59.

## DICTYOXIPHIMUM, *Hooker, Gen. Fil.* t. 62. [Synopsis p. xxxv.]

*panamense*, *Hook. Gen. Fil.* t. 62.—Panama (*Cuming* 1124; *Schott* 60; *Hayes* 46); Isle of Caybo (*Seem.* 363); New Grenada.

[*Gen.* 59. Sp. 1290.]

- Dietyoxiphium panamense, *J. Sm. Lond. Journ. Bot.* i. 422; *Id. Bot. Voy. Her.* i. 239; *Hook. Sp. Fl.* i. 225; *Moore et Houlst. Gard. Mag. Bot.* iii. 323, fig. 68; *Kze. Lin.* xxiii. 240; *Fée, Gen. Fil.* 110; *Mett. Pter.* t. 16, fig. 18, 19 (sect. fruct.); *Lowe, Ferns* viii. t. 69; *Lindseæ panamensis, Metten. Fil. Lips.* 106; *Hook. Fil. Exot.* i. t. 54.

Michlerianum, M.—New Grenada (*Schott* 8).

*Lindseæ Michleriana, Eaton, Mem. Acad. Amer. Sc. n.s.* viii. 213.

**Didiclis, Palisot de Beauvois Hist. Nat. Veg. ed. Detero.** iii. 477.

*ornithopodioides, Beauv.*—*Selaginella ornithopodioides.*

*stolonifera, Beauv.*—*Selaginella stolonifera.*

**Didymochlamys, Moore, Synops.** lv. (§)=**DIPLAZIUM.**

**DIDYMOCHLÆNA, Desvoux, Berl. Mag.** v. 303, t. 7, fig. 6, 6 a. [Synopsis p. lvi].

dimidiata, *Kze. Lin.* xviii. 122; *Id. Schkr. Supp.* i. 200, t. 84. —Natal; Fernando Po (*Mann* 356).

*Didymochlæna dimidiata, Fée, Gen. Fil.* 217; *Pappe et Eaws. Syn. Fil. Afr. Aust.* 15.

*javanica, Bl. MS.*—*Didymochlæna lunulata.*

*lunulata, Desv. Prod.* 282.—India; Malay Islands; Java; Philippine Islands (*Cuming* 142); Feejee Islands; Madagascar; Brazil (*Mart.* 328; *Regn.* ii. 330; *Gardn.* 40, 5322); Peru (*Mathews* 1821; *Lechl.* 2294); Equador (*Spruce* 5347); Quito; Columbia (*Moritz* 103; *Karsten* 51; *Wagner* 354), Caraccas, Venezuela (*Fendl.* 160); New Grenada (*Lind.* 157; *Schlim* 607); W. Indies: St. Domingo, Cuba (*Wright* 862)—*Plum.* t. 56.

*Didymochlæna lunulata, Kze. Schkr. Supp.* i. 203; *Id. Lin.* xxiii. 250; *Mett. Fil. Lips.* 99; *Id. Fil. Lechl.* 22; *Hook. Gard. Ferns* t. 17.

*Didymochlæna javanica, Bl. MS.*—f. *Kze.*

*Didymochlæna sinuosa, Desv. Berl. Mag.* v. 303, t. 7, fig. 6, 6a; *Id. Journ. Bot. Appliquée* i. 23, t. 2, fig. 4; *Poir. Enc. Supp.* v. 654; *Klfs. Enum.* 184; *Gaud. Frey. Voy.* t. 12, fig. 13; *Spreng. Syst.* 69; *Bl. Enum.* 196; *Mart. Icon. Crypt. Bras.* 95, t. 28 (arbor.); t. 29, fig. 1 (caud.); *Kze. Lin.* ix. 73; *Presl, Tent. Pter.* 90, t. 2, fig. 28; *Hook. Gen. Fil.* t. 8; *Link, Fil. Sp.* 115; *J. Sm. Hook. Journ. Bot.* iii. 413; *Sternb. Fl. der Vorwelt* t. A; *Kl. Lin.* xx. 362; *Fée, Gen. Fil.* 217; *Brack. U.S. Expl. Exped.* xvi. 209.

*Didymochlæna squamata, Desv. Ham. Fl. Ind. Occ.*; *Id. Prod.* 262.

*Didymochlæna truncatula, J. Sm. Hook. Journ. Bot.* iv. 196; *Id. Bot. Mag.* 1846, comp. 86; *Id. Cat. Ferns* 61; *Moore et Houlst. Gard. Mag. Bot.* iii. 321, fig. 66; *Lowe, Ferns* vi. t. 4.

*Adiantum fruticosum, Arrab.*—f. *Fée.*

*Adiantum lunulatum, Houtt. Ph. Syst.* xiii. 262, t. 100, fig. 1.

*Aspidium cultratum, Presl, Del. Frag.* i. 174.

*Aspidium pulcherrimum, Hort. Aug.*—f. *Kze.*

*Aspidium squamatum, Willd. Sp. Pl.* v. 258—f. *Klfs.*; *Schrad. Goett. gel. Anz.* 1824, 868.

[Gen. 80. Sp. 1293.]

*Aspidium truncatulum*, Sw. *Schrad. Journ.* 1800, ii. 36; *Id. Syn. Fil.* 53, 252; *Willd. Sp. Pl.* v. 256; *Potr. Enc. Supp.* iv. 516.

*Asplenium fruticosum*, Arab. *Fl. Flum.* xi. t. 104.

*Asplenium ramosum*, *Poir. Enc. Supp.* ii. 515.

*Diplazium pulcherrimum*, *Raddi, Syn. Fil.* 105; *Id. Opusc. Sc. Bot.* iii. t. 12.—*f. Pritz*; *Id. Fil. Bras.* 42, t. 59.

*Hippodium*, *Gaud. MS.*—*f. Gaud.*

*Monochlæna sinuosa*, *Gaud. Frey. Voy.* 240.

*Tegularia adiantifolia*, *Reinw. Syllog. Pl. Regensb. Bot. Soc.* 1825, ii. 3.

*sinuosa*, Desv.

*squamata*, Desv.— } *Didymochlæna lunulata.*

*truncatula*, J. Sm. }

**Didymoglossum**, *Desvaux, Prod.* 230. t. 7, fig. 3; *Van den Bosch, Syn. Hym.* 39.

*alatum*, Desv.—*Trichomanes radicans.*

*alatum*, Presl.—*Trichomanes Filicula.*

*brevipes*, Presl.—*Trichomanes melanorhizon.*

*capillatum*, Presl.—*Trichomanes capillatum.*

*decipiens*, Desv.—*Trichomanes Filicula.*

*Filicula*, Desv.: Presl.—*Trichomanes Filicula.*

*Hedwigii*, Presl.—*Trichomanes reptans.*

*Hookeri*, Presl.—*Trichomanes punctatum*,  $\beta$ .

*Hookeri*, Karst.—*Trichomanes reptans.*

*humile*, Presl.—*Trichomanes humile.*

*intramarginale*, Presl.—*Trichomanes intramarginale.*

*Kraussii*, Presl.—*Trichomanes Kraussii.*

*lineare*, Desv.—*Hymenophyllum lineare.*

*longisetum*, Presl.—*Trichomanes rigidum*,  $\beta$ .

*magellanicum*, Desv.—*Hymenophyllum attenuatum.*

*minutulum*, Presl.—*Trichomanes Filicula.*

*muscoïdes*, Desv.—*Trichomanes muscoïdes.*

*Neesii*, Presl.—*Hymenophyllum Neesii.*

*punctatum*, Desv.—*Trichomanes punctatum.*

*pusillum*, Desv.—*Trichomanes pusillum.*

*quercifolium*, Presl.—*Trichomanes quercifolium.*

*reptans*, Presl.—*Trichomanes reptans.*

*serrulatum*, Presl.—*Hymenophyllum Smithii.*

*sphenoides*, Presl.—*Trichomanes punctatum*,  $\beta$ .

*undulatum*, Presl.—*Trichomanes Filicula.*

**Diellia**, *Brackenridge, Wilkes' U. S. Expl. Exped.* xvi. 217.

*erecta*, Brack.—*Schizoloma erectum.*

*falcata*, Brack.—*Schizoloma falcatum.*

*pumila*, Brack.—*Schizoloma pumilum.*

**DIGRAMMARIA**, *Presl, Tent. Pter.* 116 (excl. syn.)

[Synopsis p. lxiv.]

[Gen. 61. Sp. 1296.]

*ambigua*, Presl, *Tent. Pter.* 117, t. 4, fig. 12, 17—f. descr. and fig. of venation.—Philippine Islands (*Cuming* 296; and 321 Hb. Hook.)

*Heterogonium aspidioides*, Presl, *Epim. Bot.* 143.

*Stenosemia aurita*, J. Sm. Hook. *Journ. Bot.* iii. 305, in part; Hook. *Gen. Fil.* t. 94, fig. 1—4 (excl. all syn.)

*ambigua*, Hook.: Fée.—*Callipteris ambigua*.

*esculenta*, Fée.—*Callipteris ambigua*.

*robusta*, Fée.—*Callipteris prolifera*, β.

**Digramma**, Kunze, *Bot. Zeit.* vi. 209 (§)=*TARBITIS*.

**Diphasium**, Presl, *Abh. Boehm. Ges. der Wiss.* iii. 583.

*Jussiezi*, Presl.—*Lycopodium Jussiezi*.

**DIPLAZIUM**, Swartz, *Schrad. Journ.* 1800, ii. 4, 61; *Id.*

*Syn. Fil.* 91, t. 2. [Synopsis p. liv.]

*accedens*, Bl.—*Callipteris accedens*.

*acuminatum*, Moritz.—*Diplazium sorzogonense*.

*acuminatum*, Presl.—*Diplazium sylvaticum*.

*acuminatum*, Bl.—*Diplazium Schkuhrii*.

*acuminatum*, Raddi.—*Diplazium plantagineum*.

*acutale*, Fée.—*Diplazium lonchophyllum*.

*affine*, J. Sm. Hook. *Journ. Bot.* iii. 407.—Philippines (*Cuming* 167: not 87); Moulmein; Neilgherries; Ceylon (*Gardn.* 1248).

*Diplazium affine*, Metten. *Aspl.* 187; Hook. *Sp. Fil.* iii. 265.

*alismæfolium*, Presl.—*Syngamma alismæfolia*.

*alternifolium*, Bl. *Enum.* 190.—Java (*Zoll.* 384 z α, 384 s c.)

*Diplazium alternifolium*, Kze. *Bot. Zeit.* vi. 193; *Id. Lin.* xxiii. 260; Hook. *Fil. Exot.* 1, t. 17.

*Diplazium integrifolium*, Reins. *MS. Hb. J. Sm.*; J. Sm. *Cat. Ferns.* 47.

*Diplazium polymorphum*, Zippel. *MS.*—f. Kze.

*Asplenium alternifolium*, Metten. *Fil. Lips.* 75, t. 12, fig. 1, 2; *Id. Aspl.* 177; Hook. *Sp. Fil.* iii. 239.

—β. *oblongifolium*, (Hook. *Sp. Fil.* iii. 240).—*Aneiteum*.

*ambiguum*, Raddi, *Syn. Fil.* 104; *Id. Fil. Bras.* 41, t. 58.—

Brazil (*Gardn.* 47), Organ Mountains (*Gardn.* 5937);

Peru: Tarapota (*Spruce* 4124, 4344, 4682); Quito

(*Jameson* 759); Ecuador (*Spruce* 5345—? new); Antio-

quia; Demerara; Venezuela (*Fendl.* 146, 147, 369); Ca-

raccas (*Lind.* 90; *Miq.* 16, 17); Mexico (*Jurgensen* 268);

W. Indies: Jamaica, Cuba (*Wright* 547, 847, 1038, 1039),

Martinique (*Belanger* 1006—f. Hook.), Guadeloupe.

[*Gen.* 63. *Sp.* 1297.]

*Diplazium ambiguum*, *Spreng. Syst.* 69; *Desv. Prod.* 281; *Presl, Tent. Pter.* 114.

*Asplenium dubium* *Mett.* *Aspl.* 187 (excl. syn. Link); *Eaton, Mem. Acad. Amer. Sc.* n.s. viii. 206; *Hook. Sp. Fl.* iii. 261 (excl. syn. Lk. Schk. Presl).

*ambiguum*, Hook.—*Callipteris ambigua*.

*ambiguum*, J. Sm.—*Diplazium radicans*.

*amplum*, *Lieb. Mex. Breg.* 104.—Mexico.

*Diplazium amplum*, *Mett.* *Aspl.* 188; *Hook. Sp. Fl.* iii. 265.

*angustifrons*, Presl.—*Diplazium arboreum*,  $\beta$ .

*anthraxacolepis*, *Fée, Cat. lith. Foug. Mex.* 14; *Id. Iconogr. Nov.* 84.—Mexico (*Schaffn.* 267 a, b).

*Diplazium anthraxacolepis*, *Mett.* *Aspl.* 186; *Hook. Sp. Fl.* iii. 265.

*arborescens*, *Sw. Syn. Fl.* 92.—St. Helena (*Cuming* 427; *Seem.* 2641); Pitcairn's Island (*Cuming* 1889; *Mathews* 8); Society Islands: Oahu; Coral Islands; Feejee Islands; Samoan Islands; Bourbon; India: Neilgherries (*Schmid* 98, 156); Amboyna.

*Diplazium arborescens*, *Willd. Sp. Pl.* 354; *Poir. Enc. Supp.* ii. 489; *Spreng. Syst.* 69; *Desv. Prod.* 282; *Bory, Bel. Voy.* 60; *Hook. et Arn. Beech. Voy.* 74; *Presl, Tent. Pter.* 114; *J. Sm. Hook. Journ. Bot.* iv. 173; *Link. Fl. Sp.* 85; *Kze. Lin.* xxiii. 250; *Fée, Gen. Fl.* 214; *Brack. U. S. Expl. Exped.* xvi. 143.

*Diplazium melanolepis*, *Kze.*—f. A. Br.

*Diplazium nigropaleaceum*, *Kze. Lin.* xxiv. 270.—f. *Mett.* et *Hook.*

*Diplazium serrulatum*, *Desv. Prod.* 282; *Mett.* *Aspl.* 190; *Hook. Sp. Fl.* iii. 265.

*Asplenium arborescens*, *Mett.* *Fl. Lips.* 78, t. 13, fig. 19, 20; *Id.*

*Aspl.* 186; *Hook. Sp. Fl.* iii. 256.

*Asplenium melanolepis*, *A. Br. MS. Hort. Ber.*

*Asplenium nigropaleaceum*, *A. Br. Ind. Sem. Hort. Ber.* 1860.

*Callipteris arborescens*, *Bory, Voy.* i. 283.

*Danaea guatemalensis*, *Hort.*—f. spec. Van Houtte.

*arborescens*, Boj. MS.—*Callipteris prolifera*,  $\beta$ .

*arborescens*, *Presl, Tent. Pter.* 114.—Columbia (*Moritz* 101, 179); Caraccas (*Lind.* 122; *Moritz* i. 19); Venezuela (*F. et Schl.* 834; *Fendl.* 128  $\beta$ ); New Grenada (*Schlim* 65, 370, 372); W. Indies: Jamaica, Martinique (*Stieb. Syn. Fl.* 164, in part), Cuba (*Lind.* 1921; *Wright* 1034).

*Diplazium auriculatum*, *Klfs. Enum.* 183; *Spreng. Syst.* 68; *Kl. Lin.* xx. 359; *Kze. Lin.* xxiii. 250; *Fée, Gen. Fl.* 214.

*Diplazium rigescens*, *Kze. Bot. Zeit.* iii. 283.

*Asplenium arborescens*, *Willd. Sp. Pl.* v. 320; *Id. Hb.* 19992; *Poir. Enc. Supp.* ii. 607; *Desv. Prod.* 275; *Hook. Sp. Fl.* iii. 246.

*Asplenium auriculatum*, *Mett.* *Aspl.* 164.

*Asplenium cirrhatum*, *Sieb. Syn. Fl.* 164, in part.

*Asplenium semihastatum*, *Kze. Hb.*; *Mett.* *Aspl.* 162, t. 4, fig. 17 (small form).

*Asplenium striatum* v. *auriculatum*, *Eaton, Mem. Acad. Amer. Sc.* n.s. viii. 206.

—*β. Otites*, M.—Jamaica; St. Vincent; New Grenada (*Schlim* 602).

*Diplazium angustifrons*, *Presl, Tent. Pter.* 114; *Id. Epim. Bot.* 85; *Metten. Aspl.* 164.

*Diplazium curvatum*, *Desv. Prod.* 280; *Metten. Aspl.* 179; *Hook. Sp. Fil.* iii. 265.

*Diplazium Otites*, *Moore et Houlet. Gard. Mag. Bot.* iii. 231 (excl. syn. Willd.).

*Asplenium arboreum*, *β. pinnulatum*, *Hook. Sp. Fil.* iii. 246.

*Asplenium bissectum*, *Hort.* in part.

*Asplenium Otites*, *Hort.*

*Asplenium semihastatum v. obtusum*, *Metten. Aspl.* 163, t. 4, fig. 18.

—*γ. coarctatum*, M.—Jamaica.

*Diplazium coarctatum*, *Hort.*

*Diplazium hymenodes*, *Kze. Hb.*

*Asplenium arboreum*, *γ. obtusum*, *Hook. Sp. Fil.* iii. 247.

*Asplenium bipartitum*, *Spreng. Syst.* 85.—*f. Mett.*

*Asplenium hymenodes*, *Metten. Aspl.* 163, t. 5, fig. 18, 19.

*Arnottii*, *Brack. U. S. Expl. Exped.* xvi. 144.—Sandwich Islands; New Ireland.

*Diplazium Arnottii*, *Metten. Aspl.* 186.

*Asplenium diplazioides*, *Hook. et Arn. Beech. Voy.* 107.

*asperum*, *Bl. Enum.* 195.—Java (*Zoll.* 1896, 2855); Moluccas; Borneo; Penang; India: Madras (*Hook. fil. et Thom.* 199 a); Neilgherries; Ceylon (*Gardn.* 37, 1062, 1353); Madagascar.

*Diplazium marginatum*, *Bl. Enum.* 195.

*Diplazium microphyllum*, *Desv. Prod.* 281, t. 7, fig. 1?; *Metten. Aspl.* 190; *Hook. Sp. Fil.* iii. 265.

*Diplazium* sp. dub. *Kze. Bot. Zeit.* vi. 195.

*Asplenium asperum*, *Bergem. Cat. Hort. Rheno-Traject.* 1857; *Metten. Aspl.* 190; *Hook. Sp. Fil.* iii. 268.

*Asplenium Blumei*, *Bergem. Cat. Hort. Rheno-Traject.* 1857,—*f. Metten.*; *Metten. Aspl.* 189; *Hook. Sp. Fil.* iii. 265.

*Asplenium polymorphum*, *Wall. Cat.* 230, in part.

*Asplenium diplazioides*, *Bory, Bol. Voy.* 51.—*f. Metten.*

*Asplenium propinquum*, *M. ante*, p. 42.

*Allantodia aspidioides*, *Bl. MS.: De Vriese Hb. Kze.; Kze. Lin.* xxiv. 269, in obs.

*Callipteris microphylla*, *Fée, Gen. Fil.* 219.

*Microstegia aspera*, *Presl, Epim. Bot.* 92, 260.

*Microstegia Kunzeana*, *Presl, Epim. Bot.* 92, 261; *Metten. Aspl.* 190; *Hook. Sp. Fil.* iii. 265.

*Microstegia marginata*, *Presl, Epim. Bot.* 92, 261.

*Microstegia microphylla*, *Presl, Epim. Bot.* 91, 260.

*aspidioides*, "*Klfs.*:" *Presl, Tent. Pter.* 114,—? . . . . .

*asplenioides*, *Presl, Tent. Pter.* 114, t. 4, fig. 4.—Peru.

*Allantodia asplenioides*, *Kze. Lin.* ix. 72.—*f. Presl.*

*Asplenium allantodioides*, *Metten. Aspl.* 191; *Hook. Sp. Fil.* iii. 264.

*athyrioides*, M.—*Diplazium distentum*.

*auriculatum*, *Wall. Hb.*—*Diplazium porrectum*.

*auriculatum*, *Klfs.*—*Diplazium arboreum*.

[*Gen. 62. Sp.* 1305.]

bantamense, *Bl. Enum.* 191.—Java.

*Diplazium bantamense*, *Metten. Aspl.* 179; *Hook. Sp. Fil.* iii. 255.

[barbadense, *Hort. Ang.: Kze. Lin.* xxiii. 250.—W. Indies.

*Diplazium barbadense*, *Loud. Hort. Brit.* ed. 1850, 537].

biserratum, *Presl, Tent. Pter.* 114, t. 4, fig. 2; *Id. Epim. Bot.* 85.—Brazil.

*Diplazium biserratum*, *Fée, Gen. Fil.* 214.

*Asplenium biserratum*, *Presl, Del. Prag.* i. 177; *Spreng. Syst.* 82; *Metten. Aspl.* 184; *Hook. Sp. Fil.* iii. 255.

? *Boryanum*, *Presl.*—*Oxygonium integrifolium*.

*brachysorus*, *Metten.*—*Asplenium sylvaticum*.

Brackenridgii, M.—Samoan Islands.

*Diplazium speciosum*, *Brack. U. S. Expl. Exped.* xvi. 146; *Metten. Aspl.* 190; *Hook. Sp. Fil.* iii. 265.

*brevifolium*, *Kze.*—*Diplazium grandifolium*.

*brevisorum*, J. Sm. (En. Phil.)—*Asplenium sylvaticum*.

*brevisorum*, J. Sm. (Cat. Kew).—*Diplazium distentum*.

*bulbiferum*, Boj.—*Callipteris prolifera*.

*bulbiferum*, Brack.—*Diplazium extensum*.

*Callipteris*, *Fée, Gen. Fil.* 213, 214.—Cuba (*Lind.* 233).

*Diplazium Callipteris*, *Metten. Aspl.* 179; *Hook. Sp. Fil.* iii. 255.

camptocarpon, *Fée, Cat. lith. Foug. Mex.* 15; *Id. Icon. Nouv.* 84.—Mexico (*Schaffn.* (1854) 69).

*Diplazium camptocarpon*, *Metten. Aspl.* 167; *Hook. Sp. Fil.* iii. 265.

caracasana, *Kze. Hb.*—Columbia (*Moritz* 176, 366); Venezuela (*Fendl.* 129, 129  $\beta$ ); Tarapota (*Spruce* 4755, 4681).

*Diplazium chlororachis*, *Kze. olim.*; *Fée, Gen. Fil.* 213.

*Diplazium Shepherdii*, *Kl. Lin.* xx. 360, in part.—f. *Metten.*

*Asplenium caracasana*, *Willd. Sp. Pl.* v. 339; *Poir. Enc. Supp.* ii. 612; *Spreng. Syst.* 87; *Desv. Prod.* 276; *Metten. Aspl.* 166, t. 6, fig. 17.

*Asplenium striatum* v. *caracasana*, *Eaton, Mem. Acad. Amer. Sc.* n.s. viii. 206.

castaneefolium, *Sw. Syn. Fil.* 91.—W. Indies: St. Thomas.

*Diplazium castaneefolium*, *Willd. Sp. Pl.* v. 351; *Poir. Enc. Supp.* ii. 466; *Spreng. Syst.* 88; *Desv. Prod.* 279; *Kze. Lin.* xxiii. 250; *Fée, Gen. Fil.* 213. *Metten. Aspl.* 162.

*Asplenium castaneefolium*, *Hook. Sp. Fil.* iii. 237.

*Callipteris castaneefolium*, *Bory, Voy.* i. 282.

caudatum, J. Sm.—*Diplazium cyathesefolium*.

celtidifolium, *Kze. Bot. Zeit.* iii. (1845) 285; *Id. Lin.* xxiii. 250, 309.—Columbia (*Moritz* i. 47, 108, 276; *Karsten* 6); Venezuela (*Fendl.* 152, 153); Caraccas (*Lind.* 76, 182, 544); New Grenada (*Lind. Funck et Schlim* 233; *Schl.*



616); Quito; Esmeraldas; Tarapota (*Spruce* 4760); Brazil (*Blanch.* 544); W. Indies: Jamaica, Martinique (*Belanger* 993), Trinidad, Gaudeloupe.

*Diplazium celtidifolium*, *Kl. Lin.* xx. 359.

*Diplazium grandifolium*, *Kl. MS.*—f. *Kl.*

*Asplenium celtidifolium*, *Metten. Fil. Lips.* 75, t. 12, fig. 3, 4; *Id. Aspl.* 178; *Hook. Sp. Fil.* iii. 240.

*celtidifolium*, *J. Sm.*—*Diplazium juglandifolium*.

*ceylanense*, *Moore.*—*Athyrium ceylanense*.

*chlororachis*, *Kze. olim.*—*Diplazium caracasana*.

*coarctatum*, *Link.*—*Diplazium radicans*.

*coarctatum*, *Hort.*—*Diplazium arboreum*,  $\gamma$ .

*congruum*, *Brack.*—*Diplazium decussatum*.

*cordifolium*, *Bl.*—*Oxygonium integrifolium*.

*costale*, *Presl. Tent. Pter.* 114.—W. Indies: Jamaica, St. Domingo; Venezuela (*Lind. Triana* 28; *Lind. F. et Schl.* 1009; *Fendl.* 334); Caraccas (*Lind.* 535); New Grenada (*Lind.* 1035); Antioquia; Equador (? *Spruce* 5344); Quito; Peru (*Lechl.* 2158); Tarapota (*Spruce* 4336, 4339, 4684, 4685); Brazil (*Miers* 164; *Blanch.* 535).

*Diplazium fabifolium* *J. Sm. MS.*

*Diplazium falciculatum*, *J. Sm. MS.*

*Diplazium macrophyllum*, *Desv. Prod.* 280; *Kze. Lin.* ix. 73; *Presl. Tent. Pter.* 114, t. 3, fig. 14; *Metten. Fil. Lechl.* 16.

*Diplazium Tussacii*, *Fée, Gen. Fil.* 214, 216.

*Asplenium costale*, *Sw. Schrad. Journ.* 1800, ii. 55; *Id. Syn. Fil.* 82, 276; *Willd. Sp. Pl.* v. 339; *Poir. Enc. Suppl.* ii. 612; *Spreng. Syst.* 87; *Desv. Prod.* 276; *Metten. Aspl.* 186; *Hook. Sp. Fil.* iii. 254.

*Asplenium Desvauxii*, *Metten. Aspl.* 181, t. 6, fig. 4.

*Asplenium macrophyllum*, *Metten. Fil. Lechl.* 16.

*crenato-serratum*, *M.*—Java.

*Diplazium glaberrimum*, *Moore*, ante p. 135.

*Asplenium crenato-serratum*, *Bl. Enum.* 177; *Metten. Aspl.* 177; *Hook. Sp. Fil.* iii. 239.

*Asplenium glaberrimum*, *Metten. Fil. Lips.* 75, t. 11, fig. 1—2.

*Asplenium pallidum*, *Moore*, ante p. 121, in part.

*crenatum*, *M.* [ante p. 121].—Malay Islands.

*Asplenium crenatum*, *Roeb. Calc. Journ. Nat. Hist.* iv. 498; *Metten. Aspl.* 177; *Hook. Sp. Fil.* iii. 255.

*crenatum*, *Poir.*— $\left\{ \begin{array}{l} \text{Asplenium crenatum.} \\ \text{Asplenium laserpitiiifolium.} \end{array} \right.$

*crenulatum*, *Liebm. Mex. Bregn.* 102.—Mexico.

*Diplazium crenulatum*, *Hook. Sp. Fil.* iii. 255.

*cubense*, *M.*—Cuba (*Wright* 1032, 1033.)

*Asplenium cubense*, *Hook. Sp. Fil.* iii. 253, t. 207.  
(An *D. arboreum* var.)

*curvatum*, *Desv.*—*Diplazium arboreum*,  $\beta$ .

cultratum, *Presl, Epim. Bot.* 84.—Philippine Islands (*Cuming* 199; et 349 in part—*f. Metten.*)

*Diplazium cultratum*, *Fée, Gen. Fil.* 213.

*Diplazium extensum*, *J. Sm. Hook. Journ. Bot.* iii. 407, in part.

*Asplenium cultratum*, *Metten. Aspl.* 179; *Hook. Sp. Fil.* iii. 247.

cultrifolium, *Kze. Bot. Zeit.* iii. 286, in obs.—W. Indies: Jamaica, Martinique, Trinidad; Caraccas.—*Plum. t.* 59.

*Asplenium cultrifolium*, *Lin. Sp. Pl.* 1538; *Lam. Enc. Bot.* ii. 306;

*Sw. Syn. Fil.* 78; *Willd. Sp. Pl.* v. 311; *Spreng. Syst.* 82; *Desv.*

*Prod.* 275; *Presl, Tent. Pter.* 107; *Kze. Lin. xliii.* 233; *Metten.*

*Aspl.* 98.

*Asplenium salicifolium*, *Sieb. Fl. Mist.* 346, in part.

cyathesfolium, *Presl, Epim. Bot.* 80.—New Guinea, Ualan; Philippine Islands (*Cuming* 158).

*Diplazium caudatum*, *J. Sm. Hook. Journ. Bot.* iii. 408; *Fée, Gen. Fil.* 214.

*Asplenium cyathesfolium*, *Rich. Sort. Astrol.* 19; *Metten. Aspl.* 189.

*decipiens*, *Kze.*—*Diplazium subserratum.*

decussatum, *J. Sm. Bot. Mag.* 1846, comp. 28; *Id. Cat.*

*Ferns* 48.—India: Nepal, N. W. India, Neilgherries;

China (*Fortune* 12; *Bowring* 27); Hong Kong (*Hance*

83), Formosa (*Wilford* 472), Koo-long-loo Island, Tung-

lau; Harbour Island (*Wright*); Corea (*Wilford* 905);

Java (*Zoll.* 1962, ? 2222); Feejee Islands; Samoan

Islands.

*Diplazium decussatum*, *Moore et Houlet, Gard. Mag. Bot.* iii. 231; *Low, Ferns* v. t. 50.

*Diplazium congruum*, *Brack. U. S. Expl. Exped.* xvi. 141, t. 18, fig. 2; *Metten. Aspl.* 184.

*Diplazium lasiopteris*, *Kze. Fil. Hort. Lips. Bot. Zeit.* i. 456; *Id. Lin.*

xviii. 568; xliii. 251, 310; xxiv. 270; *Fée, Gen. Fil.* 214.

*Allantodia deflexa*, *Kze. Bot. Zeit.* vi. 191; *Id. Lin. xliii.* 218.

*Asplenium decussatum*, *Wall. Cat.* 2208 (non Sw.)—*f. Kze.*

*Asplenium deflexum*, *Moore*, ante pp. 43, 123.

*Asplenium lasiopteris*, *Metten. Fil. Lips.* 78.

*Asplenium Petersenii*, *Kze. Anal. Pter.* 24; *Fée, Gen. Fil.* 191.

*Asplenium Schkuhrlii*, *Hook. Sp. Fil.* iii. 251.

*Asplenium tomentosum*, *Metten. Aspl.* 183 (excl. syn. Bl. et *Aspl. marginatum* et *frondosum*, Wall.)

*Asplenium truncatum*, *Kze. Hb.*

*deflexum*, *J. Sm.*—*Diplazium tomentosum.*

deltoideum, *Presl, Tent. Pter.* 114.—Philippine Island (*Cuming* 29).

*Diplazium ebenum*, *J. Sm. Hook. Journ. Bot.* iii. 408, in part (*Cuming* 29).

*Diplazium melanopodium*, *Fée, Icon. Nov.* 85; *Metten. Aspl.* 187.

*Asplenium deltoideum*, *Presl, Rel. Hank.* i. 47, t. 7, fig. 2; *Spreng.*

*Syst.* 89; *Metten. Aspl.* 184; *Hook. Sp. Fil.* iii. 255.

*denticulosum*, *Gaud.*—*Diplazium radicans.*

*dilatatum*, *Bl. Enum.* 194.—Java; Philippine Islands (*Cuming* 170, 349); Malacca; Siam (*Parish* 133); India: Moulmein, Assam, Khasya, Sikkim (*Hook. et Thoms.* 197, 198a), Sylhet, Nepal, Simla; Ceylon (*Gardn.* 1059, 1248, 1851, p. 1246; *Col. Perad.* 3098); China: Hong-Kong, Formosa (? *Wilford* 476), Sam-la-Bay (smaller); Society Islands; New Caledonia.

*Diplazium dilatatum*, *Mett. Aspl.* 186.

*Diplazium diversifolium*, *Wall. Hb.*

*Diplazium extensum*, *J. Sm. Hook. Journ. Bot.* iii. 407, in part, (*Cuming* 170, 349).

*Asplenium dilatatum*, *Hook. Sp. Fil.* iii. 253.

*Asplenium diversifolium*, *Wall. Cat.* 203.

*Asplenium maximum*, *Don, Prod. Fl. Nep.* 8; *Spreng. Syst.* 90.

*Microstegia dilatata*, *Presl, Epim. Bot.* 91, 260.

—*β. minor*, *M.*—Ceylon (*Col. Perad.* 3332); India: Nepal, Sheopore; Simla; Hong Kong.

*distentum*, *M.*—South America; Jamaica.

*Diplazium athyrioides*, *Moore, Synops.* iv.

*Diplazium brevisorum*, *J. Sm. Cat. Kew Ferns*, 6 (non *Enum. Phil.*); *Id. Cat. Ferns* 48.

*Diplazium striatum*, *Hort.*

*Asplenium distentum*, *A. Br. Ind. Sem. Hort. Berol.* 1900.

*Asplenium expansum*, *Mett. Aspl.* 188.

*Asplenium striatum*, *Mett. Fil. Lips.* 78.

*diversifrons*, *Bory, Bel. Voy.* ii. 39.—India.

*Diplazium diversifrons*, *Mett. Aspl.* 186; *Hook. Sp. Fil.* iii. 265.

*diversifolium*, *Wall.*—*Diplazium dilatatum*.

*dubium*, *Link.*—*Diplazium radicans*.

*ebenum*, *J. Sm. Hook. Journ. Bot.* iii. 408 (excl. *Cuming* 29).

—Philippine Islands (*Cuming* 159); Java; Aneitium; Feejee Islands; India: Assam.

*Diplazium ebenum*, *Fée, Gen. Fil.* 214; *Mett. Aspl.* 187.

*ebenum*, *J. Sm.* in part.—*Diplazium deltoideum*.

*elatum*, *Fée, Gen. Fil.* 213, 214.—Ceylon (*Gardn.* 34).

*Diplazium Gardneri*, *Koe. Hb.*

*Asplenium elatum*, *Mett. Aspl.* 180; *Hook. Sp. Fil.* iii. 249.

(An *Diplazium sylvaticum* var.)

*elegans*, *Lind. Cat.* 1859.—Columbia.

*elegans*, *Hook.*—*Callipteris fraxinifolia*.

*elongatum*, *Fée, Gen. Fil.* 214, 215.—Mexico (*Galeotti* 6471; *Schaffn.* 266).

*Diplazium elongatum*, *Mett. Aspl.* 184; *Hook. Sp. Fil.* iii. 255.

*esculentum*, *Sw.*—*Callipteris ambigua*.

*expansum*, *Willd. Sp. Pl.* v. 345.—Columbia (*Moritz* 178;

*Wagener* 455; Venezuela (*F. et Schl.* 605, in part); Caracas; New Grenada (*Schlim* 371); Peru; Brazil (*Mart.* 337; *Blanch.* 2509); Jamaica; Cuba (*Lind.* 1745).

*Diplazium expansum*, *Poir. Enc. Suppl.* ii. 488; *Spreng. Syst.* 69; *Desv. Prod.* 231; *Presl, Tent. Pter.* 114; *Cl. Lin.* xx. 360; *Fée, Gen. Fil.* 214.

*Diplazium Hæmkeanum*, *Presl, Tent. Pter.* 114.

*Diplazium obtusum*, "*Klfs.*": *Link, Hort. Ber.* ii. 73; *Id. Fil. Sp.* 85; *Presl, Tent. Pter.* 114; *Howard, Mag. Nat. Hist.* 1838, 461; *Fée, Gen. Fil.* 214; *Kze. Lin.* xiii. 251.

*Diplazium puberulum*, *Cl. Hb.*

*Diplazium semidecurrens*, *Schrank.*—*f. Kze.*

*Diplazium subulatum*, *Howard MS.: Gard. Mag. Bot.* iii. 231.

*Diplazium truncatum*, *Presl, Tent. Pter.* 114.

*Asplenium expansum*, *Presl, Rel. Hænk.* i. 48; *A. Br. Ind. Sem. Hort. Berol.* 1880.

*Asplenium obtusum*, *Metten. Fil. Lechl.* 17; *Id. Aspl.* 187.

*Asplenium truncatum*, *Willd. Hb.* 19020—*f. Presl.*

—*β. glabriusculum*, *M.*—Peru (*Lechl.* 2270); Ecuador; New Grenada (*Schl.* 495); Venezuela (*F. et Schl.* 1225; *Fendl.* 436); Martinique (*Garnier* 402); Java (*Zoll.* 583); Malacca; Feejee Islands.

*extensum*, *J. Sm. Hook. Journ. Bot.* iii. 407, in part.—Philippine Islands (*Cuming* 333, 388).

*Diplazium extensum*, *Fée, Gen. Fil.* 213; *Metten. Aspl.* 187.

*Diplazium bulbiferum*, *Brack. U. S. Expl. Exped.* xvi. 141, t. 13, fig. 1; *Metten. Aspl.* 180.

*Diplazium tenerum*, *Presl, Epim. Bot.* 84; *Metten. Aspl.* 184.

*extensum*, *J. Sm.*—  
     *Diplazium cultratum* (199).  
     *Diplazium dilatatum* (170, 349 pt.)  
     *Diplazium petiolare* (349, in part).  
     *Diplazium vestitum* (336).

*fabifolium*, *J. Sm. MS.*—*Diplazium costale*.

*falcatum*, *Liebm. Mex. Bregu.* 101?—Mexico.

*Diplazium falcatum*, *Metten. Aspl.* 184; *Hook. Sp. Fil.* iii. 255.

*falcatum*, *Don.*—*Gymnogramma javanica*.

*falcatum*, *Brack.*—*Diplazium harpeodes*.

*falciculatum*, *J. Sm. MS.*—*Diplazium costale*.

*Féei*, *Schaffn. MS.: Fée, Cat. lith. Foug. Mex.* 15; *Id. Iconogr. Nouv.* 85.—Mexico (*Schaffn.* (1854) 265); Vera Cruz.

*Diplazium Féei*, *Metten. Aspl.* 188; *Hook. Sp. Fil.* iii. 255.

*flexuosum*, *Presl, Tent. Pter.* 114.—Peru (*Mathews* 1818.)

*Asplenium flexuosum*, *Presl, Rel. Hænk.* i. 68, t. 7, fig. 1; *Spreng. Syst.* 90; *Kze. Lin.* ix. 70; *Metten. Aspl.* 190; *Hook. Sp. Fil.* iii. 283.

*Franconia*, *Liebm. Mex. Bregu.* 104.—Mexico (*Galeotti* 6483;

[*Gen.* 63. *Sp.* 1337.]

*Jurgensen* 732); Guatemala; Quito (*Jameson* 727); Jamaica (*Wilson* 503).

*Asplenium aspidiiforme*, *Fée*, *Gen. Fil.* 192, 199; *Metten. Aspl.* 168; *Hook. Sp. Fil.* iii. 265.

*Asplenium Franconis*, *Metten. Aspl.* 166, t. 5, fig. 30; *Hook. Sp. Fil.* iii. 261.

*fraternum*, *Presl.*—*Diplazium radicans*.

*fraxineum*, *Don.*—*Gymnogramma javanica*, *γ*.

*fraxinifolium*, *Wall. Hb.*—Penang; Singapore (*Lobb* 33); India: Khasya (*Hook. fl. et Thom.* 195), Sylhet, Assam, Mishmee; Hong Kong.

*Diplazium fraxinifolium*, *Presl. Tent. Pter.* 118?

*Diplazium elegans*, *Hook. Kew Journ. Bot.* ix. 343, in part.

*Asplenium Donianum*, *Metten. Aspl.* 177 (excl. syn.)

*Asplenium fraxinifolium*, *Wall. Cat.* 194; *Hook. 2nd Cent. Ferns* t. 19 (excl. *D. elegans*); *Id. Sp. Fil.* iii. 240.

*Asplenium Hookerianum*, *Wall. Cat.* 7080.

*fraxinifolium*, *Lodd. Cat.*—*Diplazium grandifolium*.

*fraxinifolium*, *Presl.*—*Callipteris fraxinifolia*.

*frondosum*, *J. Sm.*—*Diplazium polypodioides*.

*fusco-pubescentis*, *Hook. Sp. Fil.* iii. 264 (excl. *Schlim* 69).—Tarapota (*Spruce* 4759); Ecuador (*Spruce* 5416 a).

*fusco-pubescentis*, *Hook.* in part.—*Diplazium gracilescens*.

*Gardneri*, *Kze.*—*Diplazium sylvaticum*.

*glaberrimum*, *Moore.*—*Diplazium crenato-serratum*.

*giganteum*, *Carm. MS.*—*Callipteris prolifera*.

*giganteum*, *Hort.*; ? *Karst. Kze.*—*Hemidictyum marginatum*.

*gracilescens*, *M.*—New Grenada (*Schlim* 69).

*Diplazium fusco-pubescentis*, *Hook. Sp. Fil.* iii. 264, in part.

*grammitoides*, *Presl. Epim. Bot.* 84.—Philippine Isles (*Cuming* 56); Java (*Lobb* 258); Singapore (*Lobb* 458); Society Isles.

*Diplazium pumilum*, *Kze. Hb.*

*Asplenium grammitoides*, *Hook. Icon. Pl.* t. 913; *Id. Sp. Fil.* iii. 229;

*Metten. Aspl.* 183.

*Asplenium tenerum*, *E. Br. MS.*—Hb. Mus. Brit.

*Athyrium grammitoides*, *Fée*, in litt.

[*Grammitis*, *M.*—“Nepal”—*f. Metten.*

*Asplenium Grammitis*, *Metten. Aspl.* 181: non *Wall.* which is *Osmunda javanica*.]

*grandifolium*, *Sw. Schrader's Journ. für die Bot.* 1800. ii. 62; *Id. Syn. Fil.* 91.—West Indies: Jamaica, Cuba (*Lind.* 1741 1889; *Wright* 846), Martinique, Trinidad; Venezuela (*Fendl.* 497); New Grenada (*Schlim* 601); Brazil (*Moricand* 2474); Quito (*Jameson* 308); Panama (*Schott* 50).

*Diplazium grandifolium*, Willd. *Sp. Pl.* v. 351; *Poir. Enc. Supp.* ii. 487; *Spreng. Syst.* 69; *Desv. Prod.* 290; *Presl, Tent. Pter.* 113, t. 4, fig. 3; *J. Sm. Hook. Journ. Bot.* iv. 173; *Id. Cat. Ferns* 47; *Kze. Bot. Zeit.* iii. 296; *Id. Lin.* xxiii. 251, 309; *Fée, Gen. Fil.* 213; *Diplazium brevifolium*, Kze. *Lin.* xxiii. 250, 309.  
*Diplazium traxinifolium*, Lodd. *Cat.* 1849.—f. Kze.  
*Diplazium Schlimesae*, Fée, *Icon. Nouv.* 84; *Mett. Aspl.* 179.  
*Asplenium grandifolium*, Sw. *Prod.* 130; *Presl, Rel. Haenk.* i. 41; *Mett. Aspl.* 178, t. 6, fig. 3; *Hook. Sp. Fil.* iii. 241.  
*Hemlonitis grandifolia*, Sm. *Act. Tour.* v. 410.—f. Metten.; *Sw. Fl. Ind.* Occ. iii. 1805.

*grandifolium*, Kl. MS.—*Diplazium celtidifolium*.

Griffithii, M.\*—Assam.

*Hankeanum*, Presl.—*Diplazium expansum*.

*harpeodes*, M.—Samoan Islands.

*Diplazium falcatum*, Brack. *U.S. Expl. Exped.* xvi. 143 (non Liebm.); *Mett. Aspl.* 185; *Hook. Sp. Fil.* iii. 285.

*heterophyllum*, Bl.—*Callipteris heterophylla*.

*heteropterum*, Kze. Hb.—*Callipteris paradoxa*.

*hians*, Kze. MS.: *Kl. Lin.* xx. 361.—Columbia (*Moritz* 289; *Triana* 32); Venezuela (*F. et Schl.* 605, in part; 958, 1225; *Lind.* 533); Caraccas (*Lind.* 503); New Grenada (*Lind.* 1016); Quito; Equador; Bogota; Jamaica.

*Diplazium tumulosum*, Moore, *Synops.* iv.

*Asplenium hians*, Metten. *Aspl.* 188; *Hook. Sp. Fil.* iii. 233.

*Hilsenbergianum*, Presl.—*Diplazium sylvaticum*.

*horridum*, Kze.—*Callipteris accedens*.

*humile*, Boj. *Hort. Maur.* 398.—Mauritius.

*hymenodes*, Kze. Hb.—*Diplazium arboreum*, γ.

*inaequilaterum*, Liebm.—*Diplazium lonchophyllum*.

*incisum*, Schum.—? *Callipteris accedens*.

*integrifolium*, Bl.—*Oxygonium integrifolium*.

*integrifolium*, Reinw.—*Diplazium alternifolium*.

*juglandifolium*, Cav.: *Sw. Syn. Fil.* 91, 282.—Jamaica; Venezuela (*Fendl.* 496).—Sloane, *Jam.* i. t. 37.

*Diplazium juglandifolium*, Willd. *Sp. Pl.* v. 352; *Schkr. Crypt.* 80, t.

*D. Griffithii*: fronds deltoid, bipinnate, subcoriaceous; pinnae curved or ascending, the lower distinctly stipitate, elongate-triangular acuminate, the upper oblong acuminate sessile, the uppermost confluent, forming an acuminate pinnatifid apex; pinnules oblong falcate, subauriculate, acute, crenate-serrate, those of the lower pinnae slightly unequal; sori curved, borne near the costa.—This is quite unlike any other *Diplazium* we have seen. The lamina of the frond is 12–15 inches in length, and nearly as much in width across the base; the stipes 9–12 inches long, and as well as the rachis rounded behind, and channelled in front; the lowest pinnae have a stalk fully half an inch in length, those above them becoming gradually more shortly stalked until the upper ones become sessile and confluent.

[Gen. 62. Sp. 1346.]

- 85; *Poir. Enc. Supp.* ii. 487; *Spreng. Syst.* 68; *Desv. Prod.* 280; *J. Sm. Hook. Journ. Bot.* iv. 172; *Kze. Lin.* xxiii. 261; *Fée, Gen. Fil.* 213; *Hook. Fil. Exot.* i. t. 100.  
*Diplazium caudatifolium*, *J. Sm. Cat. Ferns* 47.  
*Asplenium juglandifolium*, *Lam. Enc. Bot.* ii. 307; *Hook. Sp. Fil.* iii. 242.  
*Asplenium Bosmerianum*, var. 2, *Mett. Aspl.* 162.  
*Katzeri*, *Regel, Ind. Sem. Hort. Petrop.* 1860, 28.—Ceylon.  
*Klotzschii*, *Moore, Synops.* iv.—Columbia (*Karsten* ii. 23; *Moritz* 431); Venezuela (*Fendl.* 149); Cuba (*Lind.* 1753; *Wright* 1045).  
*Asplenium Klotzschii*, *Mett. Fil. Lips.* 79; *Id. Aspl.* 188; *Hook. Sp. Fil.* iii. 263.  
*Lotzea diplazioides*, *Bl. et Karst. Lin.* xx. 358; *Kze. Lin.* xxiii. 262.  
*lanceum*, *Presl, Tent. Pier.* 113; *Id. Epim. Bot.* 83.—India: Nepal, Khasya (*Hook. fl. et Thom.* 194), Assam; Ceylon (*Gardn.* 1335; *Col. Perad.* 1335); Java; China: Chusan, Hong Kong (*Wilford* 39; *Bowring* 2), Formosa; Japan; Loo-Choo Island; Anakerima Island; Tsus Sima.  
*Diplazium lanceum*, *Fée, Gen. Fil.* 213; *Kze. Bot. Zeit.* vi. 526.  
*Asplenium erosum*, *Wall. Hb.*  
*Asplenium lanceum*, *Thunb. Fl. Jap.* 333; *Id. Icon. Pl. Jap.* t. 18; *Lam. Enc. Bot.* ii. 304; *Sw. Syn. Fil.* 74; *Willd. Sp. Pl.* v. 308; *Poir. Enc. Supp.* ii. 502; *Desv. Prod.* 268; *J. Sm. Bot. Voy. Her.* 427; *Hook. et Grex. Icon. Fil. Add.*; *Mett. Aspl.* 161; *Hook. Sp. Fil.* iii. 236; *Id. Kew Journ. Bot.* ix. 342.  
*Asplenium rigidum*, *Wall. Hb.*  
*Asplenium subsinuatum*, *Hook. et Grex. Icon. Fil.* t. 27; *Wall. Cat.* 199.  
*Scolopendrium dubium*, *Don, Prod. Fl. Nep.* 9; *Spreng. Syst.* 69.  
*lanceum*, Bory.—? *Oxygonium integrifolium*.  
*lasiopteris*, *Kze.*—*Diplazium decussatum*,  
*latifolium*, *M.* [*ante* p. 141].—Nepal, Sikkim (*Hook. fl. et Thom.* 218 c), Khasya (*Hook. fl. et Thom.* 198\*\*), Neilgherries; Ceylon (*Gardn.* 1058, 1060, 1350).  
*Asplenium latifolium*, *Don, Prod. Fl. Nep.* 8; *Spreng. Syst.* 89.  
*Lechleri*, *M.* [*ante* p. 141].—Peru (*Lechl.* 2269); B. Guiana (*Appun.* 186); Rio Negro (*Spruce* 3832, 4760).  
*Asplenium Lechleri*, *Mett. Fil. Lechl.* 16, t. 2, fig. 10; *Id. Aspl.* 170  
*Hook. Sp. Fil.* iv. 244.  
*lineatum*, *Presl.*—*Asplenium lineatum*.  
*lineolatum*, *Bl. Enum.* 191.—Java.  
*Diplazium lineolatum*, *Mett. Aspl.* 179; *Hook. Sp. Fil.* iii. 255.  
*Lobbianum*, *M.*—Java; Marianne Isles.  
*Asplenium Lobbianum*, *Hook. 2nd. Cent. Ferns.* t. 17; *Id. Sp. Fil.* iii. 244.

*lobulosum*, Presl.—*Diplazium longifolium*.

*lonchophyllum*, Kze. *Lin.* xiii. 141; xviii. 333.—Mexico (*Lind.* 64, 1948; *Schaffn.* (1854) 76, (1856) 470; *Leibold* 27; *Galeotti* 6289; *Jurgensen* 668); Guatemala.

*Diplazium lonchophyllum*, *Lieb. Mex. Brygn.* 102.

*Diplazium acutale*, *Fée, Gen. Fil.* 214, 215; *Id. Icon. Nov.* 85.

*Diplazium inaequilaterum*, *Lieb. Mex. Brygn.* 103.

*Asplenium denticulosum*, *Desv. Mag. Ber.* v. 323; *Id. Prod.* 276; *M. et Gal. Foug. Mex.* 61.—*f. Kze.*

*Asplenium inaequilaterum*, *Metten. Aspl.* 166.

*Asplenium Schiedel*, *Metten. Aspl.* 166.

*Asplenium striatum*, *f. lonchophyllum*, *Hook. Sp. Fil.* iii. 246.

*lonchophyllum*, Kze. (Bot. Zeit).—*Diplazium subseriatum*.

*longifolium*, M. [*ante* p. 141].—Simla; Assam; Nepal.

*Diplazium lobulosum*, *Presl. Tent. Pter.* 114.

*Asplenium lobulosum*, *Wall. Cat.* 210; *Metten. Aspl.* 163; *Hook. Sp. Fil.* iii. 262.

*Asplenium longifolium*, *Don. Prod. Fl. Nep.* 7; *Spreng. Syst.* 37; *Metten. Aspl.* 164; *Hook. Sp. Fil.* iii. 265.

*lucidum*, Poir.—*Diplazium nitidum*.

*luzoniense*, Spreng.—*Callipteris fraxinifolia*.

*macrophyllum*, Desv.—*Diplazium costale*.

*malabaricum*, Spreng.—*Callipteris ambigua*.

*malaccense*, Presl.—*Diplazium Schkuhrii*.

*marginatum*, M. [*ante* p. 144].—Nepal—*f. Wall. Cat.*; Singapore—*f. Wall. Hb.*; Sikkim (*Hook. fil. et Thom.* 210, in part); Khasya, Simla, Bootan.

*Asplenium marginatum*, *Wall. Cat.* 2309 (excl. specim. Roxb.)

*marginatum*, Hort.—*Diplazium polypodioides*.

*marginatum*, Bl.—*Diplazium asperum*.

*melanocaulon*, *Brack. U. S. Expl. Exped.* xvi. 144.—Fesjee Islands; Aneitum; N. Ireland.

*Diplazium melanocaulon*, *Metten. Aspl.* 166.

*Asplenium arborescens*, *v. melanocaulon*, *Hook. Sp. Fil.* iii. 267.

*melanochlamys*, M.—Lord Howe Island, South Pacific (*Mc Gillivray* 702; *Milne* 36).

*Asplenium melanochlamys*, *Hook. Sp. Fil.* iii. 269.

*melanopodium*, Fée.—*Diplazium deltoideum*.

*Meyenianum*, *Presl MS.: Hb. Meyen*; *Id. Tent. Pter.* 108; *Id. Epim. Bot.* 88.—Philippines.

*Diplazium Meyenianum*, *Fée, Gen. Fil.* 214.

*Asplenium aspidioides*, *Goldm. Nov. Act. N.O.* xix. supp. 461—*f. Metten.*; Moore, *ante* p. 114.

*Asplenium Meyenianum*, *Metten. Aspl.* 169; *Hook. Sp. Fil.* iii. 265.

*microphyllum*, Desv.—*Diplazium asperum*.

[*Gen. 62. Sp. 1361.*]



*mohillense*, Fée, *Iconogr. Nouv.* 35.—Madagascar.

*Diplazium mohillense*, Metten. *Aspl.* 186; Hook. *Sp. Fil.* iii. 265.

*multiflorum*, M. [*ante* p. 147].—Malay Islands.

*Asplenium multiflorum*, Roxb. *Calc. Journ. Nat. Hist.* iv. 499; Metten. *Aspl.* 184; Hook. *Sp. Fil.* iii. 265.

*mutilum*, Kze. *Flora* 1839, i. beibl. 37.—Brazil (*Mart.* 335); N. Grenada (*Schlim* 371); Equador.

*Diplazium mutilum*, Fée, *Gen. Fil.* 214.

*Asplenium mutilum*, Metten. *Aspl.* 180; Hook. *Sp. Fil.* iii. 248.

*nigro-paleaceum*, Kze.—*Diplazium arborescens*.

*nitidum*, Cav. *Ann. de Cien. Nat.* xix. 67, t. 48.—Marianne Isles.

*Diplazium nitidum*, Sw. *Syn. Fil.* 92, 293; Willd. *Sp. Pl.* v. 352; Spreng. *Syst.* 68; Desv. *Prod.* 290; Metten. *Aspl.* 177; Hook. *Sp. Fil.* iii. 265.

*Diplazium lucidum*, Poir. *Enc. Supp.* ii. 467.

*nitidum*, Lind. (Cat. 1859.—N. Grenada).

*obtusum*, Desv. *Prod.* 281.—Peru.

*Diplazium obtusum*, Metten. *Aspl.* 179.

*obtusum*, Klfs.: Link.—*Diplazium expansum*.

*Otites*, Moore et Houlst.—*Diplazium arboreum*, β.

*Ottonis*, Kl. *Lin.* xx. 360.—Columbia (*Moritz* 367), Caraccas (*Otto* 604; *Lind.* 122, 534); N. Grenada (*Lind.* 1027; *Schlim* 371, 496); Cuba (*Wright* 1086; ? *Lind.* 1744); Martinique; Trop. Africa: Angiama (*Barter* 83); R. Cameroons (*Mann.* 787)

*Diplazium rhoifolium*, Kze. *Hb.*

*Asplenium Ottonis*, Metten. *Aspl.* 180; Hook. *Sp. Fil.* iii. 243.

*Asplenium rhoifolium*, Metten. *Aspl.* 178.

—β. *pinnatifidum*, M.—Mexico (*Lind.* 20); Quito; Peru (*Mathews*); Venezuela (*Fendl.* 151).

*ovatum*, Wall. MS.—*Oxygonium integrifolium*.

*pallidum*, M.—Java (*Zoll.* 2337; *Lobb* 223); Sumatra;

Philippines (*Cuming* 188); Moulmein; New Ireland.

*Asplenium pallidum*, Bl. *Enum.* 177; Kze. *Bot. Zeit.* vi. 146; Metten. *Aspl.* 176, t. 5, fig. 9, 10; Moore, *ante* p. 151.

*Asplenium calophyllum*, J. Sm. Hook. *Journ. Bot.* iii. 408; Fée, *Gen. Fil.* 191; Metten. *Aspl.* 176.

*paradoxum*, Fée.—*Callipteris paradoxa*.

*parviflorum*, Klfs.—*Callipteris serrulata*.

*patens*, Presl.—*Asplenium patens*.

*pedatum*, Kl. *Lin.* xx. 360.—Columbia (*Moritz* 286).

*Diplazium pedatum*, Hook. *Sp. Fil.* iii. 265; Metten. *Aspl.* 183.

[Gen. 62. Sp. 1309.]

petiolare, *Presl, Epim. Bot.* 86.—Philippines (*Cuming* 346).

*Diplazium petiolare*, *Fée, Gen. Fil.* 213; *Mett. Aspl.* 180; *Hook. Sp. Fil.* iii. 256.

*Diplazium extensum*, *J. Sm. Hook. Journ. Bot.* 407, in part (*Cuming* 346).

*phanerotis*, *Kze.*—*Diplazium porrectum*.

pinnatifido-pinnatum, *M.*—Mishmee; Assam.

*Asplenium pinnatifido-pinnatum*, *Hook. Sp. Fil.* iii. 238.

*pinnatifidum*, *Kze.*—*Callipteris pinnatifida*.

*plantagineum*, *Sw. Schrad. Journ.* 1800, ii. 62; *Id. Syn. Fil.* 91, t. 2, fig. 4.—W. Indies: Jamaica, Guadeloupe (*Beauport*, 1233), Portorico, Trinidad; Mexico (*Galeotti* 6398 —f. *Fée*; *Schaffn.* 48 a, b; *Lind.* 28); Guatemala; Columbia (*Moritz* 261; *Karsten* ii. 20); Venezuela (*Fendl.* 154); N. Grenada (*Schlim* 499); Brazil (*Blanch.* 2459; *Gardn.* 30; *Mart.* 336).

*Diplazium plantagineum*, *Schler. Crypt.* 80, t. 85; *Willd. Sp. Pl.* v. 351; *Foir. Enc. Supp.* ii. 486; *Desv. Prod.* 280; *Spreng. Syst.* 68; *Presl, Tent. Pter.* 113, t. 4, fig. 1; *Link. Fil. Sp.* 83 (excl. syn. Pr.); *J. Sm. Hook. Journ. Bot.* iv. 172; *Hook. Gen. Fil.* t. 55 B, fig. 1. 2; *Kl. Lin.* xx. 359; *Lodd. Bot. Cab.* t. 1588; *Liebm. Mex. Bregn.* 100; *Moore et Houlet. Gard. Mag. Bot.* iii. 231, fig. 47; *Kze. Lin.* xxiii. 251; *Fée, Gen. Fil.* 213; *Gaud. Frey. Voy.* 322; *Brack. U.S. Aspl. Exped.* xvi. 139; *Lowe, Ferns* v. t. 46.

*Diplazium acuminatum*, *Raddi, Fil. Bras.* 41, t. 57, fig. 2; *M. et Gal. Foug. Mex.* 51.

*Diplazium repens*, *Raddi, Syn. Fil.* 103; *Desv. Prod.* 280.

*Asplenium plantagineum*, *Lin. Sp. Pl.* 1537; *Lam. Enc. Bot.* ii. 308;

*Mett. Fil. Lips.* 74; *Id. Aspl.* 181; *Hook. Sp. Fil.* iii. 237.

*Hemionitis plantaginea*, *Sm. Mem. Acad. Tur.* v. 421, t. 9, fig. 1.

*Prescottianum*, *M.* [*antep.* 156].—Singapore (*Lobb* 32); Penang.

*Asplenium Prescottianum*, *Wall. Cat.* 235.

*Asplenium pubescens*, *Wall. Hb.*

*polymorphum*, *Zippel. MS.*—*Diplazium alternifolium*.

*polymorphum*, *Presl.*—*Diplazium polypodioides*.

polypodioides, *Bl. Enum.* 194.—Java (*Zoll.* 68, 687); Singapore; Philippines (*Cuming* 20, 288); Sandwich Isles; Solomon Isles; India: Nepal, Simla, Bhotan, Sikkim (*Hook. fil. et Thom.* 199, in part), Kumaon, Kashmir, Moulemein (*Parish* 103), Mishmee, Mysore (*Schmid* 7); Ceylon; Cochin China; ? Hong Kong (*Wilford* 42); Bourbon.

*Diplazium polypodioides*, *Kze. Bot. Zeit.* iv. 443.

*Diplazium frondosum*, *J. Sm. Hook. Journ. Bot.* iii. 408; iv. 172.

*Diplazium marginatum*, *Hort.*

*Diplazium polymorphum*, *Presl, Tent. Pter.* 114.

*Allantodia Fieldingiana*, *Kze. Lin.* xxiv. 268.

*Asplenium ambiguum*, *Hook. et Arn. Bot. Beech. Voy.* 107.

*Asplenium frondosum*, *Wall. Cat.* 230, in note.

[*Gen. 62. Sp.* 1374.]

- Asplenium polymorphum*, *Wall. Hb.*; *Id. Cat.* 230, in part; *Mett.* *Aspl.* 192.  
*Asplenium polypodioides*, *Mett.* *Fil. Lips.* 78; *Id. Aspl.* 190; *Hook. Sp. Fil.* iii. 287 (excl. var. syn.)  
*Gymnogramma opaca*, *Kze. Hb.*  
*Microstegia polypodioides*, *Presl, Epim. Bot.* 280.  
 —*β. major*, *M.*—Bourbon (*Garnier* 125; *Boivin* 874; *Richard* 715); Comoro Isles; Ceylon (*Gardn.* 1061; *Col. Perad.* 1352); India: Nepal, Mysore (*Hook. fil. et Thom.* 200), N. W. Himalaya (*Hook. fil. et Th.* 201).  
*porrectum*, *Presl, Tent. Pter.* 113.—Penang; Singapore; Malacca (*Cuming* 387); Moulmein; Java (*Zoll.* 1387, 1491); Borneo; St. Helena.  
*Diplazium porrectum*, *J. Sm. Hook. Journ. Bot.* iii. 407; iv. 172; *Fte. Gen. Fil.* 213.  
*Diplazium auriculatum*, *Wall. Hb.*  
*Diplazium phanerotis*, *Kze. Bot. Zeit.* iv. 443; vi. 194.  
*Asplenium auriculatum*, *Wall. Hb.*  
*Asplenium cataractarum*, *Moritz, Vers.*  
*Asplenium multisporatum*, *Wall. Cat.* 204, in note.  
*Asplenium porrectum*, *Wall. Cat.* 204 (prior), non 224; *Mett.* *Aspl.* 176, t. 6, fig. 1-2; *Hook. Sp. Fil.* iii. 260.  
*Asplenium pubescens*, *Wall. Hb.*  
*Asplenium soboliferum*, *Wall. Cat.* 201 (Nepal).  
*prionophyllum*, *Kze. Bot. Zeit.* vi. 194.—Java.  
*Diplazium prionophyllum*, *Mett.* *Aspl.* 190; *Hook. Sp. Fil.* iii. 265.  
*Microstegia prionophylla*, *Presl, Epim. Bot.* 82, 261.  
*proliferoides*, *Bory, Bel. Voy.* ii. 38.—Mauritius.  
*Diplazium proliferoides*, *Mett.* *Aspl.* 179; *Hook. Sp. Fil.* iii. 255.  
*proliferum*, *Brack. U. S. Expl. Exped.* xvi. 140.—Society Islands.  
*Diplazium proliferum*, *Mett.* *Aspl.* 140; *Hook. Sp. Fil.* iii. 239.  
*proliferum*, *Klfs.*—*Callipteris prolifera*.  
*pubescens*, *Link.*—*Callipteris ambigua*.  
*pubescens*, *Lowe.*—*Athyrium decurtatum*.  
*puberulum*, *Kl. MS.*—*Diplazium expansum*.  
*pubigerum*, *J. Sm. Cat. Kew Ferns* — ? . . . . .  
*pulcherrimum*, *Raddi*—*Didymochlæna lunulata*.  
*pulicosum*, *M.*—Equador.  
*Asplenium pulicosum*, *Hook. Sp. Fil.* iii. 262.  
*pumilum*, *Kze. Hb.*—*Diplazium grammitoides*.  
*radicans*, *Desv. Prod.* 281 (excl. all syn. except *Schkr.*)—  
 W. Indies: Jamaica, Martinique, Cuba (*Lind.* 1898; *Wright* 1035), Dominica, Guadeloupe, St. Vincent, Barbadoes; Guatemala; Brazil (*Mart.* 344; *Gardn.* 46; *Moricand* 2509; *Blanch.* 2231, 2474, 2476, 2509 P),

Organ Mountains (*Gardn.* 169); Maranhao (*Spruce* 8911); Peru (*Ruiz Hb.* 34); Tarapota (*Spruce* 4758); Venezuela (? *Fendl.* 128); N. Grenada (*Schlim* 65, 602); F. Guiana; Panama (*Schott* 42).

*Diplazium radicans*, *Presl, Tent. Pter.* 114 (excl. syn. Sw.); *Hook. Gen. Fil.* t. 55 B, fig. 4 (excl. syn. Sw.); *Fée, Gen. Fil.* 213.

*Diplazium ambiguum*, *J. Sm. Cat. Ferns* 47; *Lowr, Ferns* v. t. 47.

*Diplazium coarctatum*, *Link, Hort. Ber.* ii. 69; *Id. Fil. Sp.* 84; *Kze. Lin.* xxiii. 250.

*Diplazium denticulosum*, *Gaud. Frey. Voy.* 322.

*Diplazium dubium*, *Link, Hort. Ber.* ii. 70; *Id. Fil. Sp.* 84 (excl. syn. *D. ambiguum*, Raddi, but not Raddi t. 54); *Fée, Gen. Fil.* 214; *Kze. Lin.* xxiii. 250.

*Diplazium fraternum*, *Presl, Tent. Pter.* 114.

*Diplazium Shepherdii*, *Presl, Tent. Pter.* 114; *Link, Hort. Ber.* ii. 70; *Id. Fil. Sp.* 84; *Kze. Lin.* xviii. 334, in obs.; xxiii. 251; *Kl. Lin.* xx. 380, in part; *Fée, Gen. Fil.* 214; *Brack. U. S. Expl. Exped.*

xvi. 142; *Hort. Ang. et Germ.*

*Diplazium striatum*, *Hook. Gen. Fil.* t. 55 B, fig. 3.

*Asplenium ambiguum*, *Raddi, Fil. Bras.* 38, tt. 54 et 54 bis—f. *Kze.*

*Asplenium anomalum*, *Desv. Prod.* 276.

*Asplenium bulbiferum*, *Bernh. Act. Erford.* 1802, t. 4, fig. 7; *Id. Schrad. Journ.* 1801, i. 1.

*Asplenium cirrhatum*, *Sieb. Fl. Mart.* 247, in part.

*Asplenium coarctatum*, *Hort. Berol.*—f. *Presl.*; *Metten. Fil. Lips.* 75.

*Asplenium dubium*, *A. Br. Ind. Sem. Hort. Berol.* 1859.

*Asplenium flexuosum*, *Wickst. Kongl. Vet. Acad. Handl. Stockh.* 1825. 438; *Metten. Aspl.* 164; *Hook. Sp. Fil.* iii. 255.

*Asplenium gradatum*, *Arrab. Fl. Flum.* xi. t. 105; *Metten. Aspl.* 128.

*Asplenium radicans*, *Schr. Crypt.* 70 (text, excl. syn.); *Willd. Sp. Pl.* v. 537 (excl. syn.); *Poir. Enc. Suppl.* ii. 512; *Spreng. Syst.* 87; *Metten. Aspl.* 184.

*Asplenium ramosum*, *Spreng. MS.*; *Bernh. Schrad. Journ.* 1801, i. 2; *Id.* 1806, i. part ii. 45.

*Asplenium rhizophorum*, *Schr. Crypt.* t. 76 (plate).

*Asplenium Shepherdii*, *Spreng. Nov. Act. N. C.* 231, t. 17, fig. 5, 6; *Id.*

*Syst.* 82; *Metten. Fil. Lips.* 75; *Id. Aspl.* 164.

*Asplenium striatum*, *Hook. Sp. Fil.* iii. 245 (excl. 8); *Hort.*—f. *Kze.*

*Cyathea bulbifera*, *Bernh. Schrad. Journ.* 1801, i. 1, in note.

*Menisium cristatum*, *Desrous. Lam. Enc.* iv. 94; *Sw. Syn. Fil.* 19; *Hook. Sp. Fil.* iii. 255.

*repandum*, *Fée, Gen. Fil.* 213, 215.—Cuba? (*Lind.* 4).

*Diplazium repandum*, *Metten. Aspl.* 170.

*repandum*, Bl.—*Callipteris repanda*.

*repens*, Raddi.—*Diplazium plantagineum*.

*Riedelianum*, *Link.*—*Antigramma brasiliensis*.

*Römerianum*, *Presl, Tent. Pter.* 113, t. 4, fig. 5.—Peru (*Ruiz Hb.* 35; Andes (*Jameson* 303); Brazil (*Mart.* 346); Tarapota (*Spruce* 4674); N. Grenada (*Schlim* 393); Antioquia; Caraccas; Jamaica; Cuba (*Lind.* 1896; *Wright* 1037).

*Diplazium Römerianum*, *Kl. Lin.* xx. 359.

*Asplenium crassidens*, *Fée, Icon. Nouv.* 82; *Metten. Aspl.* 15; *Moore*, ante p. 121 (crassides); *Hook. Sp. Fil.* iii. 242.



PLATE LV.

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A.

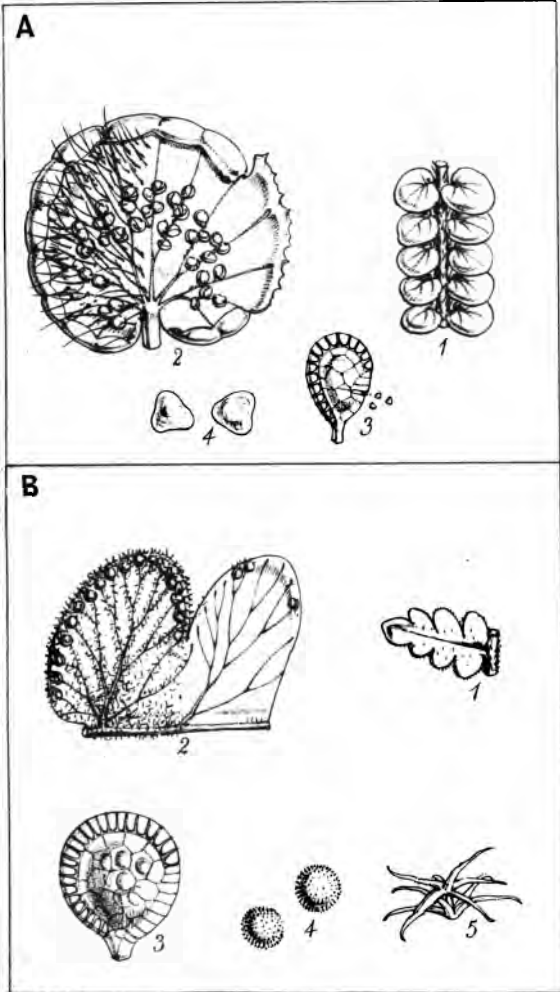
GEN. 98.—**JAMESONIA**, *Hook. & Grev.* [Syn. p. lxix.]

- FIG. 1. Portion of a frond of *J. IMBRICATA*, *Hk. & Gr.* (n. s.)  
2. One of the pinnae, enlarged, with a portion of the hair-scales removed to show the position of the sori (which are rather too much elongated).  
3. Spore-case.  
4. Spores.
- 

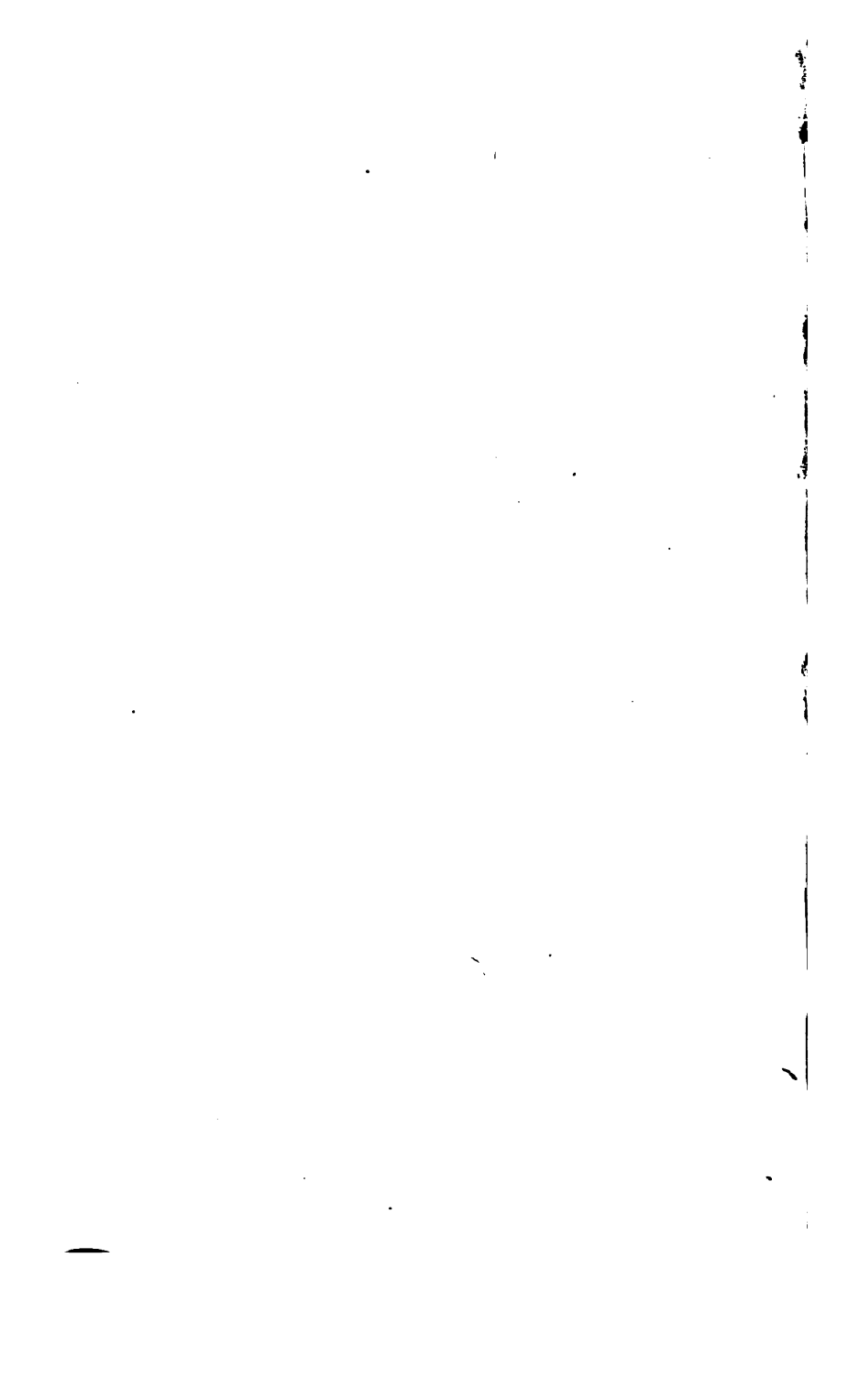
B.

GEN. 99. **NOTHOCHLÆNA**, *E. Brown.* [Syn. p. lxix.]

- FIG. 1. Pinna of *N. TRICHOMANOIDES*, *E. Br.* (n. s.)  
2. Segments of the same, enlarged, showing the oligocarpous marginal sori.  
3. Spore-case.  
4. Spores.  
5. Stellate scales from the surface of the frond.



**A.**Jamesonia **B.**Nothochlæna.







## PLATE LVI.

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### GEN. 101.—**POLYPODIUM**, *Linnaeus*. [Synopsis p. lxx.]

FIG 1. Segment of *P. vulgare*, *Lin.* (n. s.)

2. Fragment of the same enlarged, showing the terminal sori of the § *Ctenopteris* (n. s.)

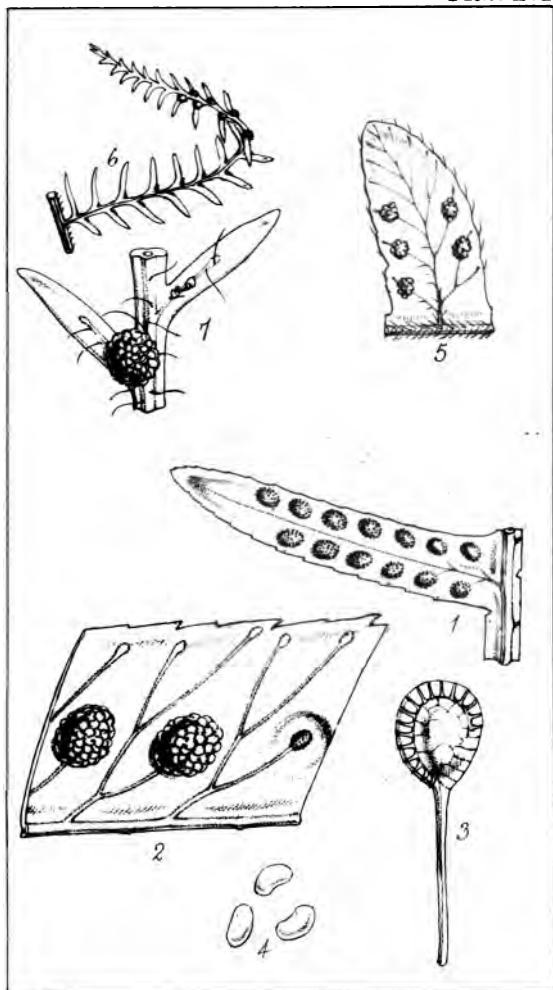
3. Spore-case.

4. Spores.

5. Segment of *P. PHEGopteris*, *Lin.* showing medial sori of the § *PHEGopteris* (n. s.)

6. Fragment of *P. tenuisectum*, *Bl.* showing the basal sori of the § *Themelium*.

\*.\* GEN. 100. **MONACHOSORUM**, *Kze.* [Synopsis p. lxx.] is included in **POLYPODIUM**.



Fitch del,

Polypodium.

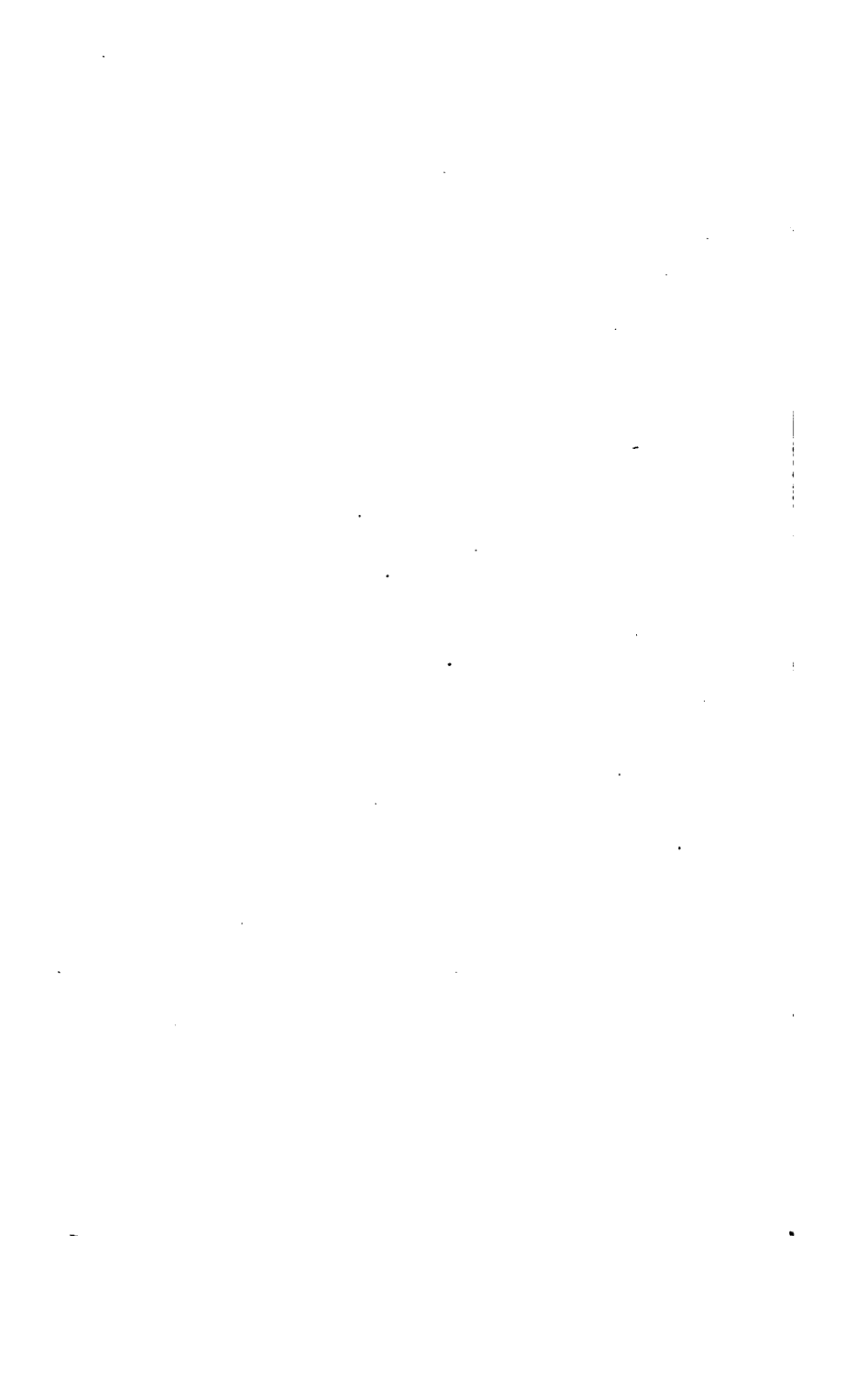




PLATE LVII.

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A.

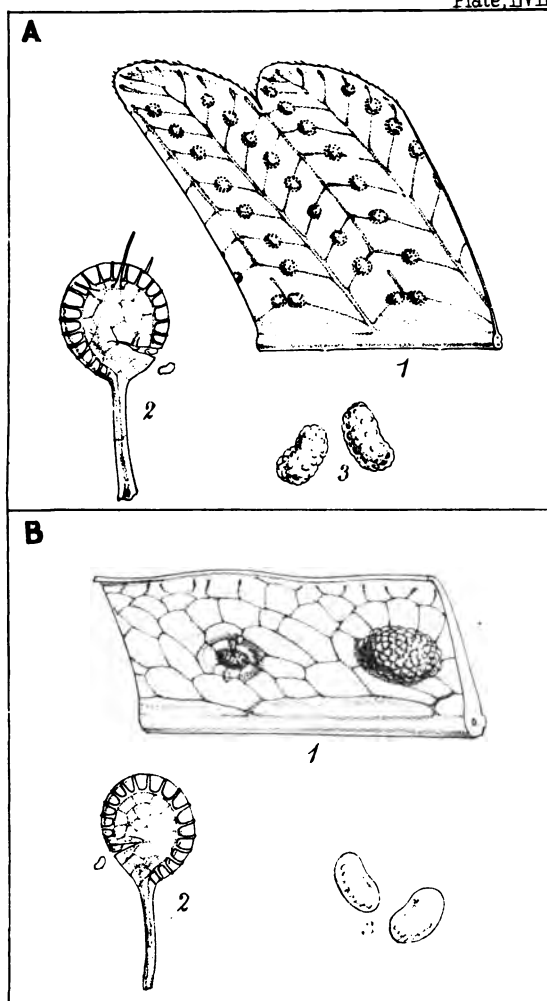
GEN. 102.—**GONIOPTERIS**, *Presl.* [Synopsis p. lxxi.]

- FIG. 1. Portion of pinna of *GONIOPTERIS CRENATA*, *Presl.*  
2. Echinate spore-case,  
3. Spores.
- 

B.

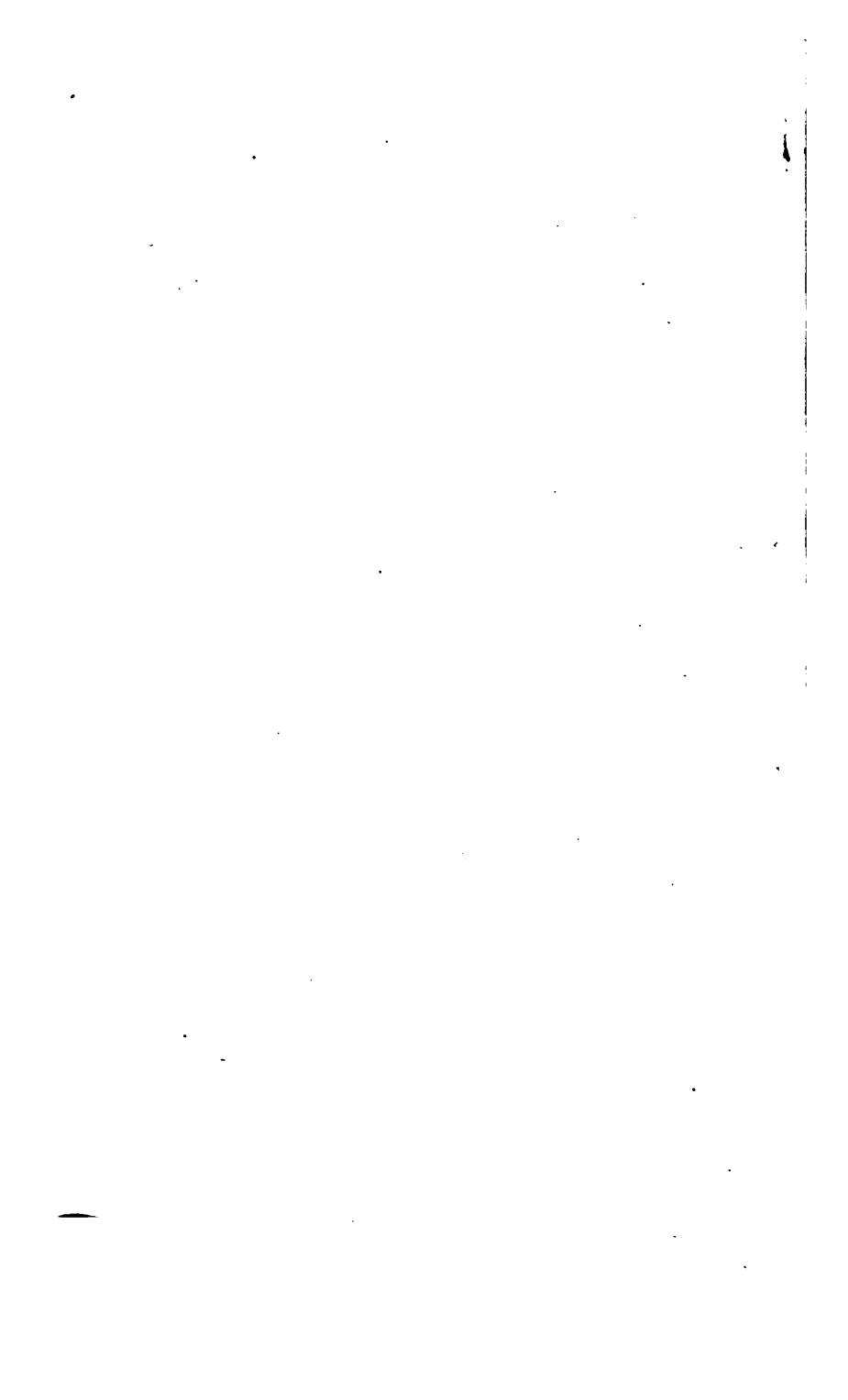
GEN. 103.—**DICTYOPTERIS**, *Presl.* [Synopsis p. lxxii.]

- FIG. 1. Fragment of *DICTYOPTERIS ATTENUATA*, *Presl.*  
2. Spore-case,  
3. Spores.

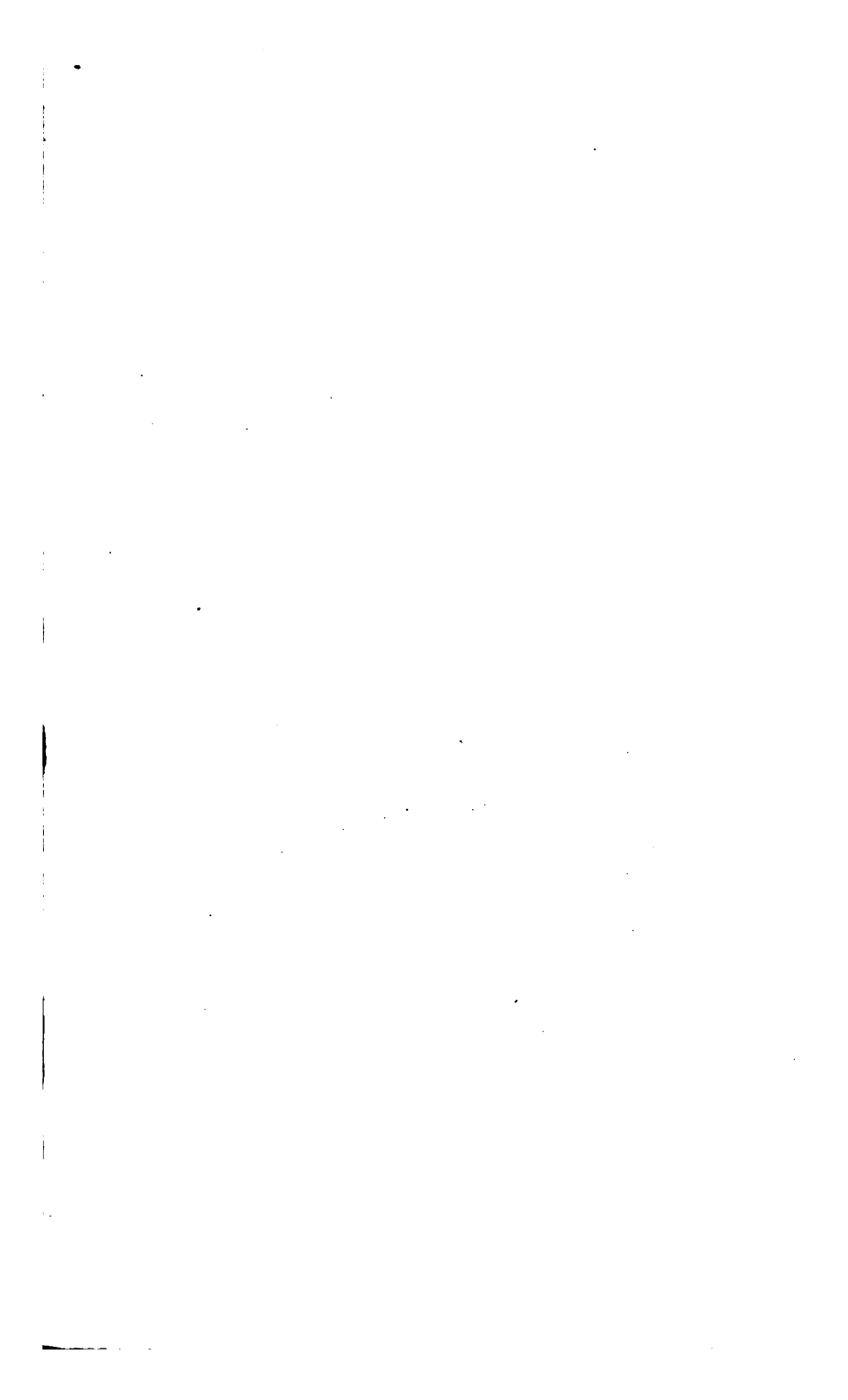


Ritch del.

**A.** *Goniopteris* **B.** *Dictyopteris*







## PLATE LVIII.

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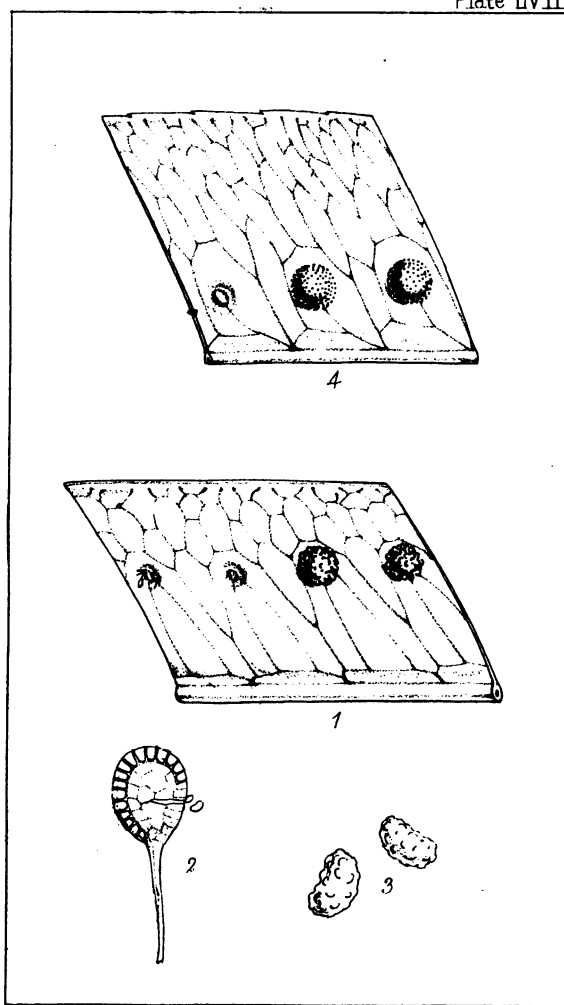
GEN. 104.—**PHLEBODIUM**, *R. Brown*. [Syn. p. lxxii.]

FIG. 1. Fragment of **PHLEBODIUM SPORADOCARPUM**, *J. Sm.*

2. Spore-case.

3. Spores.

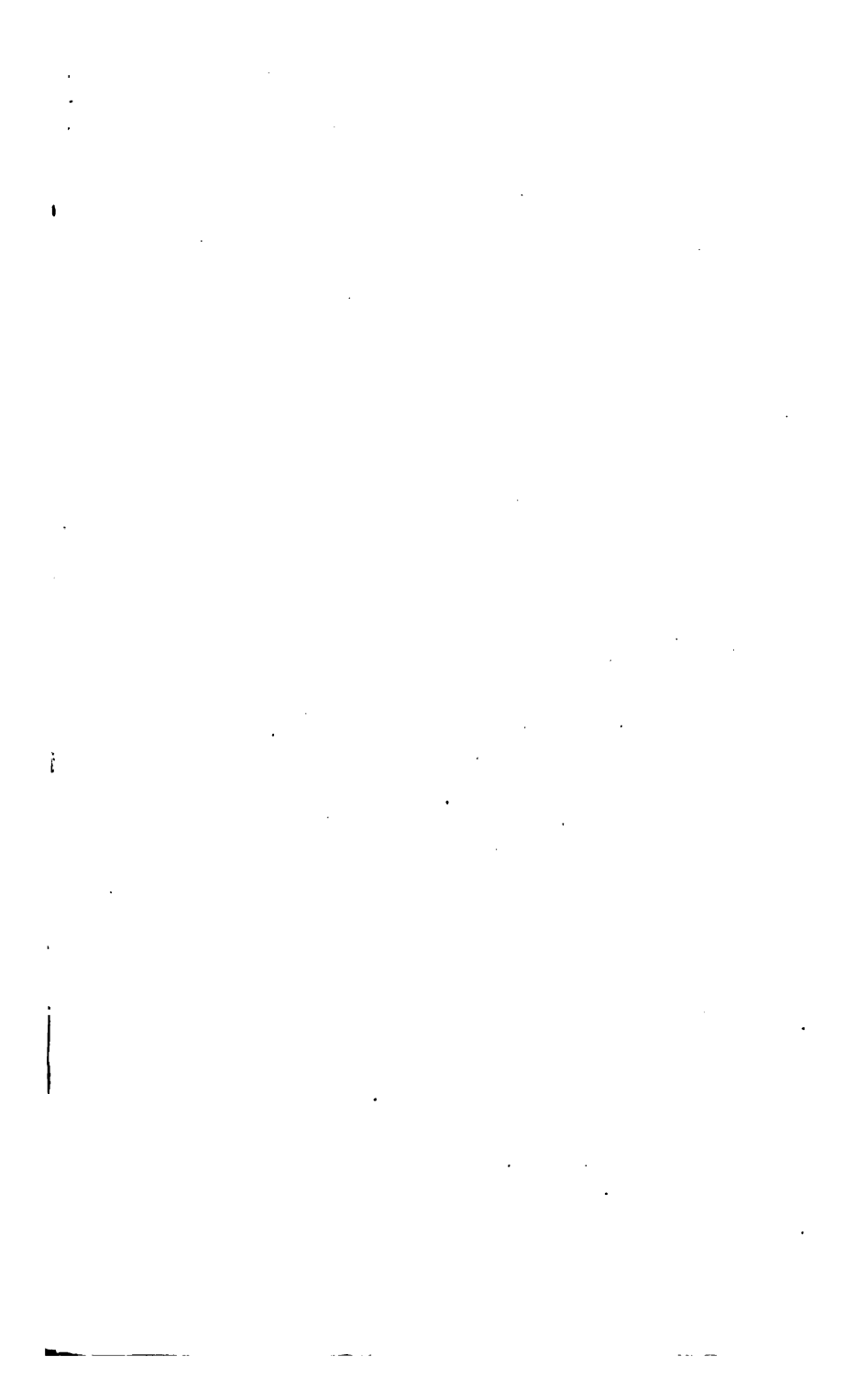
4. Fragment of **PHLEBODIUM INEQUALE**, *Moore*, showing an approach to the venation of **GONIOPHLEBIUM**, but differing in having sterile costal areoles.



rich, del.

*Phlebodium.*





## PLATE I.IX.

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### GEN. 105.—**GONIOPHLEBIUM**, *Blume*. [Syn. p. lxxiii.]

FIG. 1. Fragment of **GONIOPHLEBIUM VERRUCOSUM**, *J. Sm.*,  
showing the sori in the costal areoles.

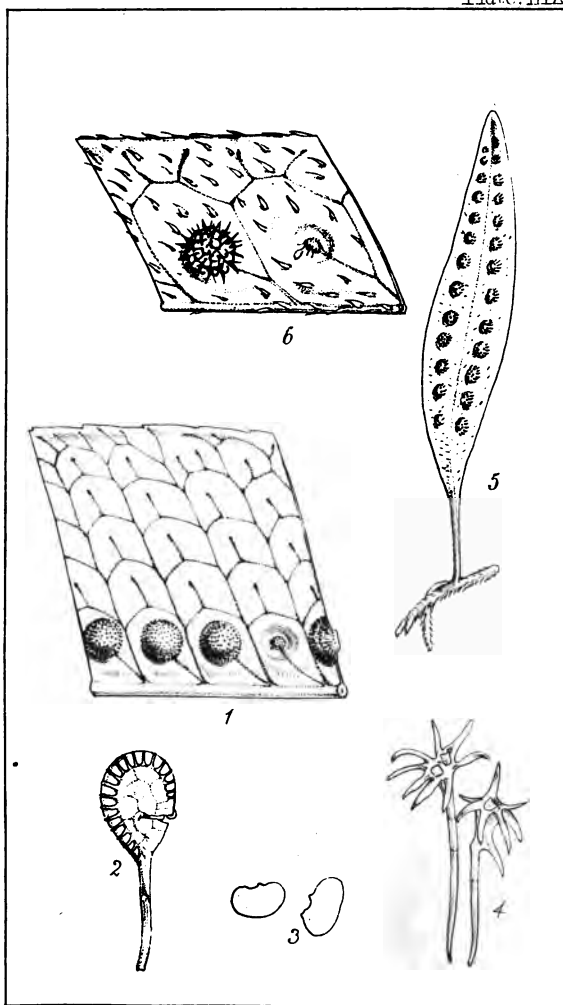
2. Spore-case.

3. Spores.

4. Sporangia-stres.

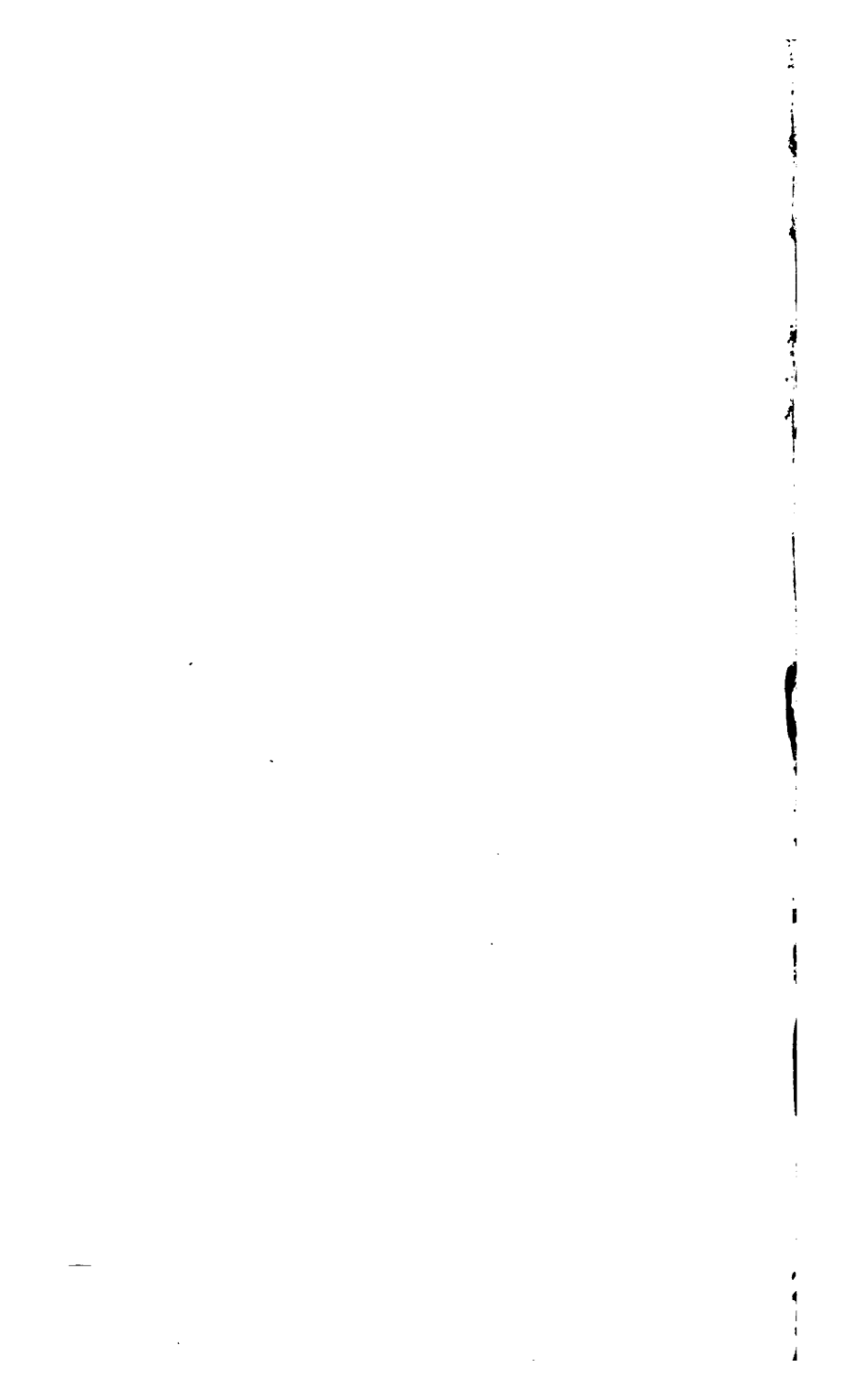
5. Fertile frond of **GONIOPHLEBIUM PILOSELLOIDES**, *J. Sm.*  
(n. s.)

6. Portion of the same, enlarged.



Fitch del,

*Goniophlebium.*





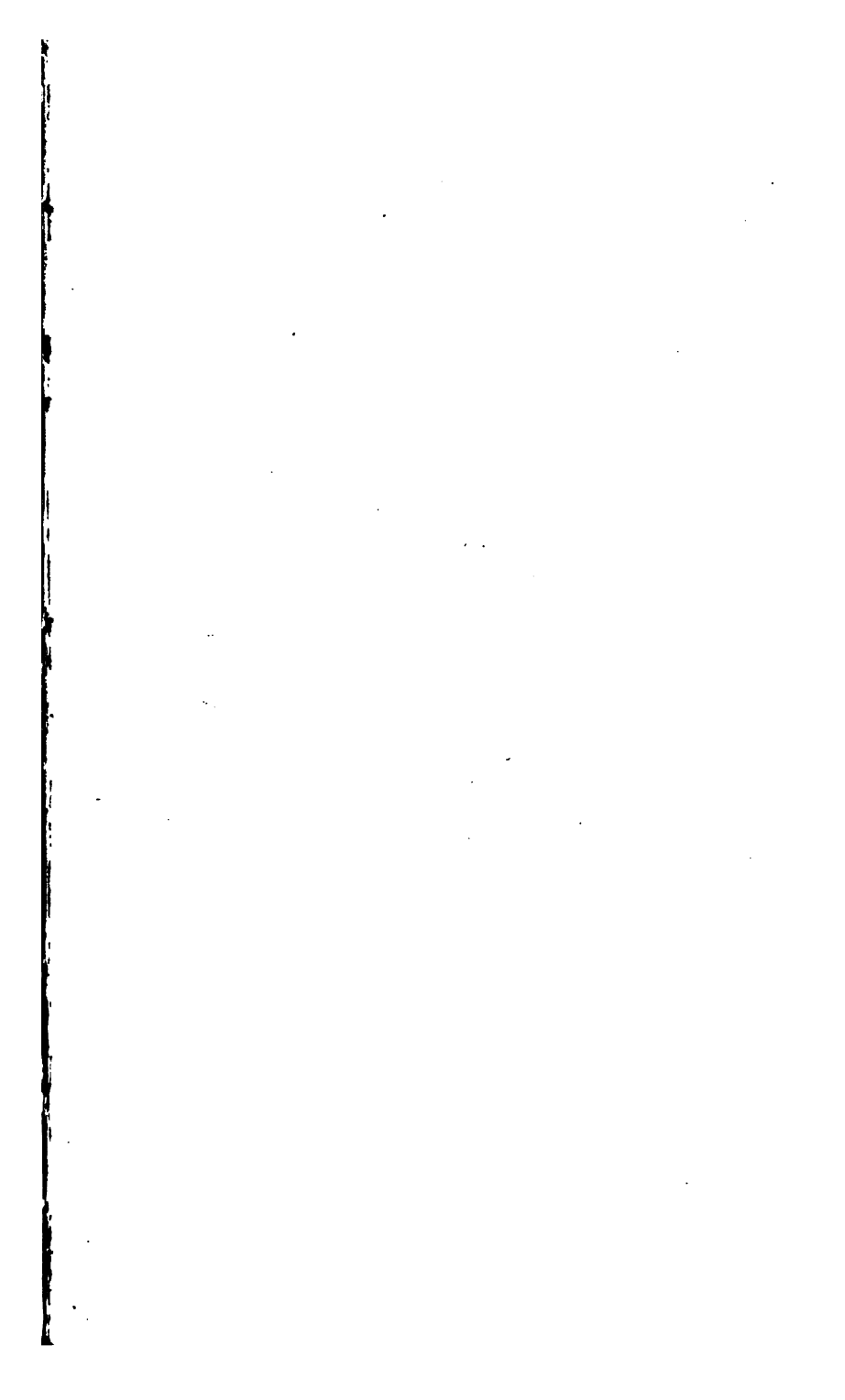


PLATE LX.

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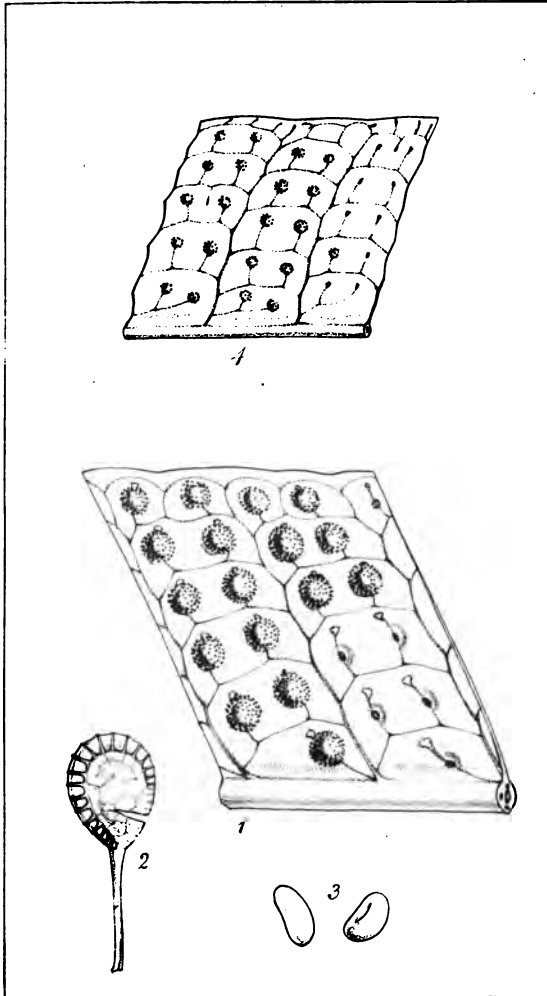
GEN. 106.—**CAMPYLONEURON**, *Presl*. [Syn. p. lxxiv.]

FIG. 1. Fragment of **CAMPYLONEURON REPENS**, *Presl*, showing the medial sori.

2. Spore-case.

3. Spores.

4. Fragment of **CAMPYLONEURUM DECURRENS**, *Presl*, showing the terminal sori.



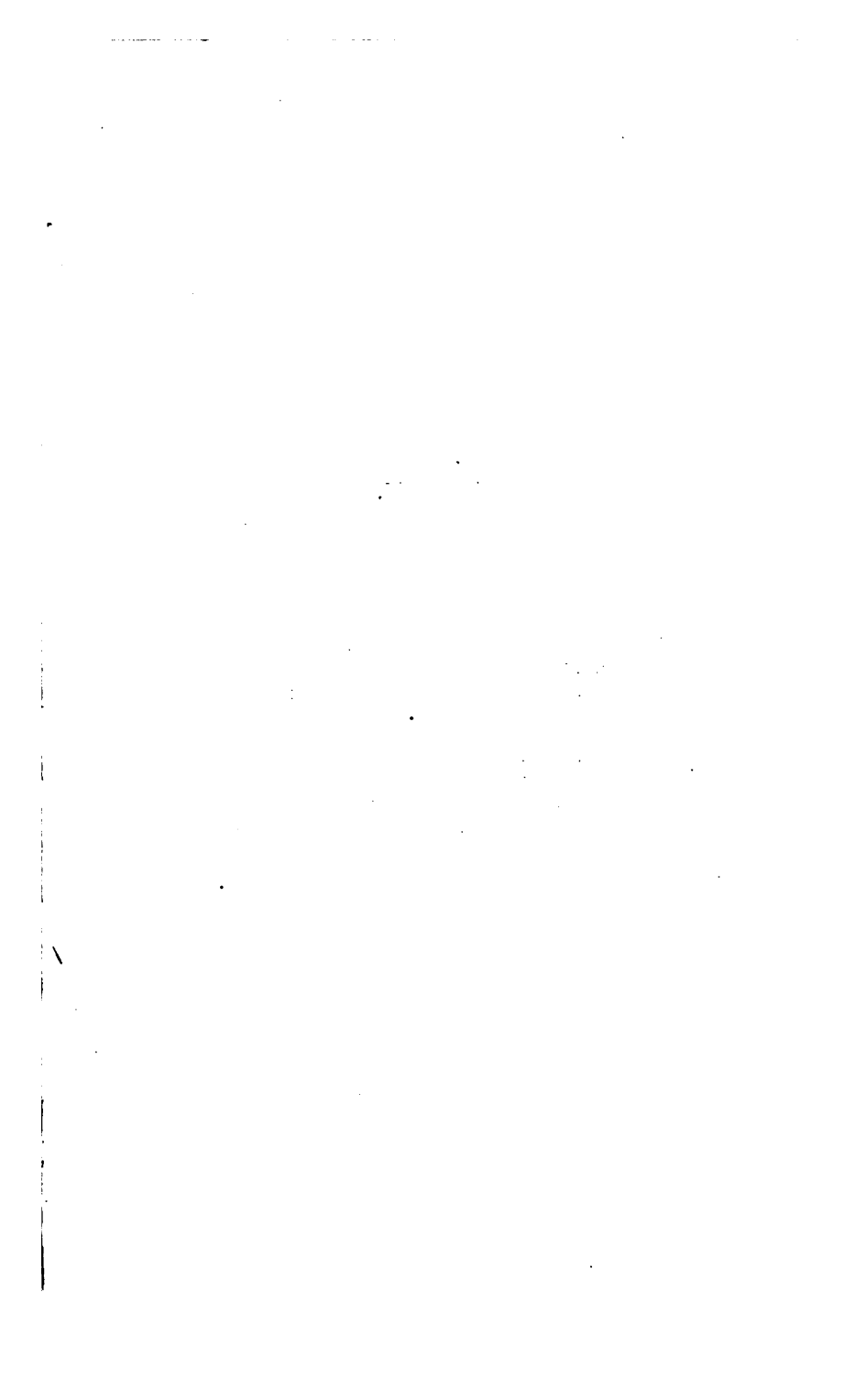
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Campyloneurum.

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## PLATE LXI.

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GEN. 107.—**NIPHOBOLUS**, *Kaulfuss*. [Synopsis p. lxxv.]

FIG. 1. Fragment of **NIPHOBOLUS GARDNERI**, *Kze.* (n. s.)

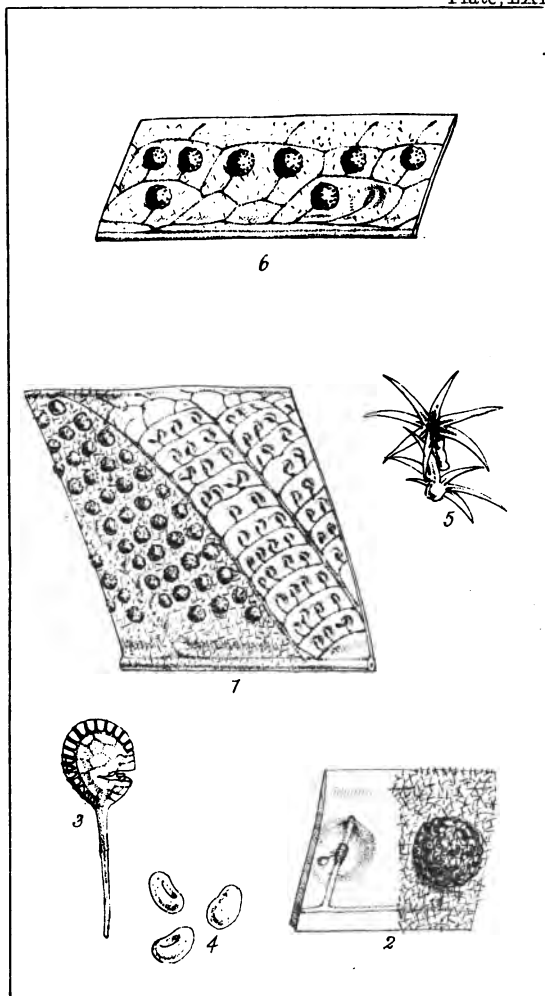
2. Portion of the same, enlarged, showing the sori and stellate hair scales.

3. Spore-case.

4. Spores.

5. Some of the stellate scales separate, much enlarged.

6. Fragment of **NIPHOBOLUS RUPESTRIS**, *Spreng.*

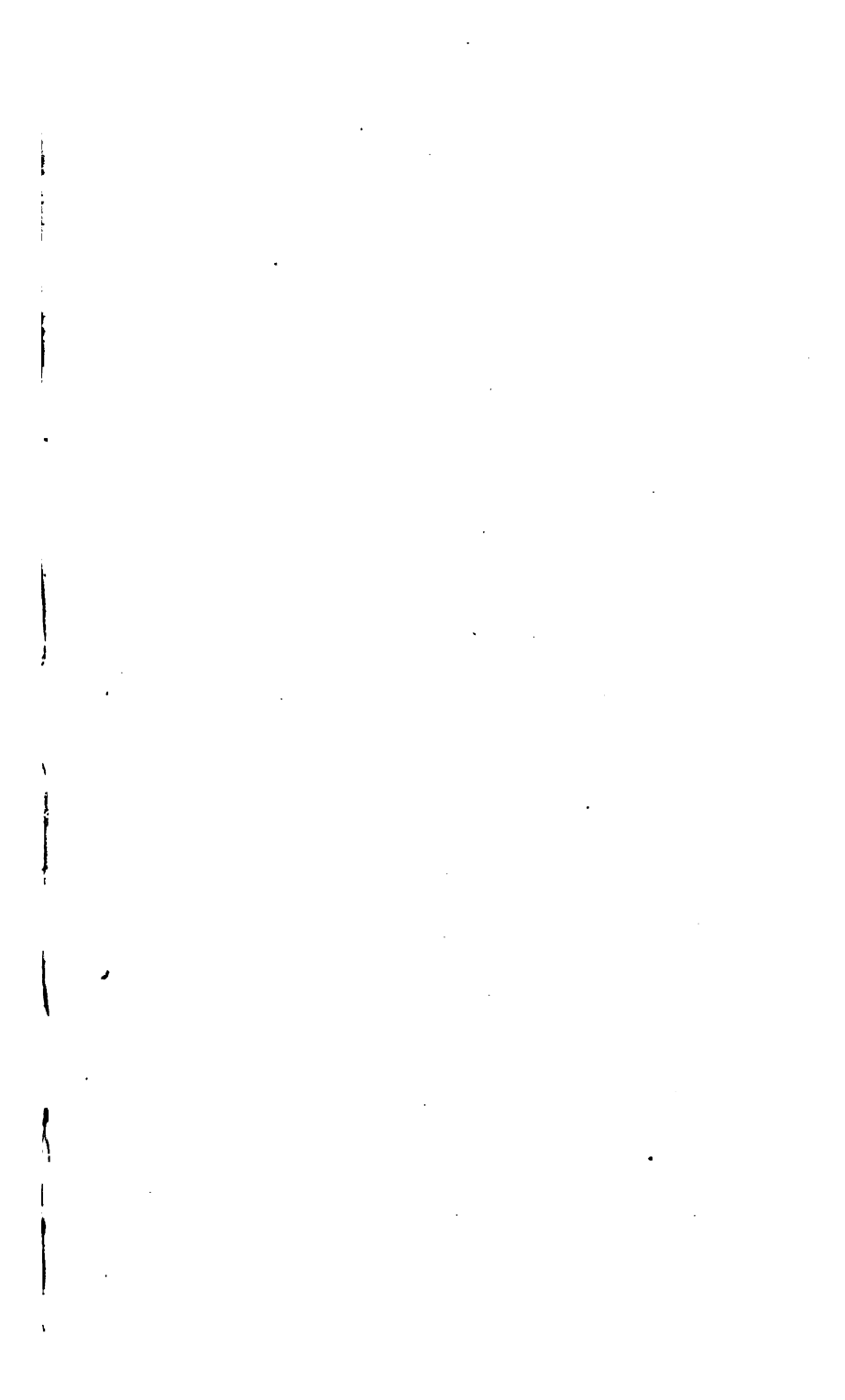


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Niphobolus.





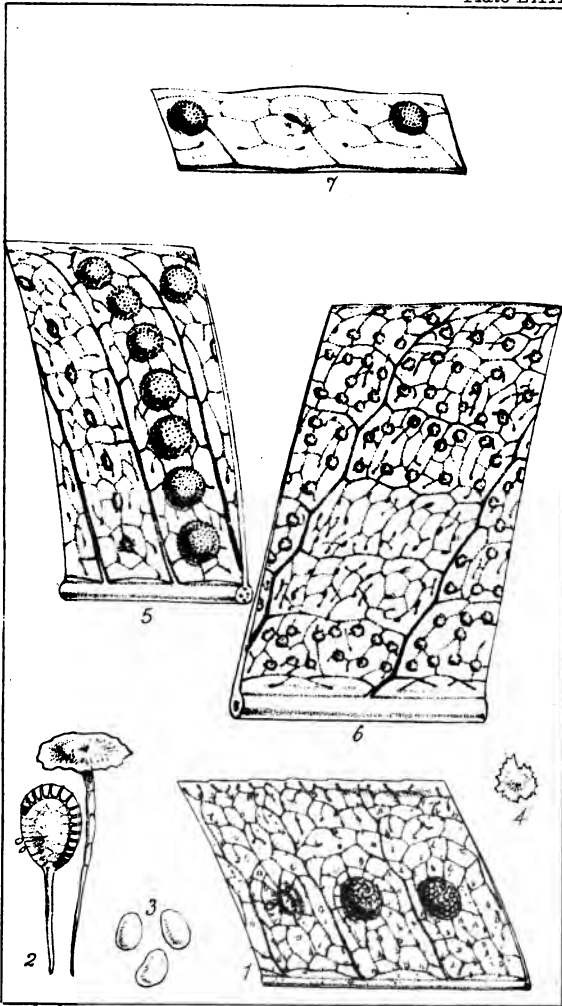


## PLATE LXII.

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GEN. 108.—**PLEOPELTIS**, *Humboldt and Bonpland*.  
[Synopsis p. lxxvi.]

- FIG. 1. Fragment of **PLEOPELTIS PERCUSSA**, *Hook. et Grev.*  
2. Spore-case and peltate sporangiastrae.  
3. Spores.  
4. Scale from the surface of the frond.  
5. Fragment of **PLEOPELTIS CRASSIFOLIA**, *Moore*.  
6. Fragment of **PLEOPELTIS IRIOIDES**, *Moore*.  
7. Fragment of **PLEOPELTIS FUSTULATA**, *Moore*.



Fitch, del.

*Pleopeltis*.

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**WITH SYNONYMES, REFERENCES, &c. &c.**

---

BY

**THOMAS MOORE, F.L.S., F.R.H.S.,**

**AUTHOR OF "THE HANDBOOK OF BRITISH FERNS; "THE  
FERNS OF GREAT BRITAIN AND IRELAND, NATURE PRINTED," &c.;  
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tarum," which contains the Ferns *complete.* 12s.

Berlin, 1810

FERNs. The volume of "Sprengels Systema Vegeta-  
bilium," which contains the Ferns *complete.* 16s.

Göttingen, 1827

FERNs. The volume of "Hooker's Icones," which  
contains Ferns only, (that is, the tenth volume.)

£1 8s.

London, 1854.







- Asplenium cultrifolium*, Willd. *Hb.* 19878 (Caracas).  
*Asplenium Rosmerianum*, Kze. *Lin.* ix. 62; *Id. Fl.* 1839, bieleb. 40;  
*Metten. Aspl.* 163 (excl. var. 2); *Hook. Sp. Fil.* iii. 243.  
*rhoifolium*, Kze. *Hb.*—*Diplazium Ottonis*.  
*rigescens*, Kze.—*Diplazium arboreum*.  
*Roxburghii*, M. [*ante* p. 176].—Amboyna.  
*Asplenium varium*, Roxb. *Calc. Journ. Nat. Hist.* iv. 498; *Metten. Aspl.* 177; *Hook. Sp. Fil.* iii. 255.  
*sandwichense*, Presl *MS.*: *Hb. Meyen*; *Id. Tentam. Pter.* 114;  
*Id. Epim. Bot.* 85.—Sandwich Isles.  
*Diplazium sandwichense*, Fée, *Gen. Fil.* 214; *Metten. Aspl.* 166.  
*Schkuhrii*, J. Sm. *Hook. Journ. Bot.* iii. 407.—Java; Malacca  
(*Cuming* 389—et 390 *Hb. Hook.*); Tavoy; Penang;  
Singapore; Indian Archipelago (*Seem.* 2306); Ceylon  
(*Gardn.* 1059); New Ireland.  
*Diplazium Schkuhrii*, Presl, *Epim. Bot.* 86.  
*Diplazium acuminatum*, Bl. *Enum.* 193?; *Kze. Bot. Zeit.* vi. 194; *Id. Lin.* xxiii. 250; *Wall. Hb.*  
*Diplazium malaccense*, Presl, *Epim. Bot.* 86; *Fée, Gen. Fil.* 213, t. 17 D, fig. 1.  
*Asplenium ambiguum*, Schkr. *Crypt.* t. 75 (not 75b).  
*Asplenium Schkuhrii*, *Metten. Aspl.* 162.  
*Schlémense*, Fée.—*Diplazium grandifolium*.  
*Seemannii*, M.\*—Bay of Utria, Darien.  
*semidecurrens*, Schrank.—*Diplazium expansum*.  
*seramporensis*, Spreng.—*Callipteris ambigua*.  
*serratum*, Schum.—*Callipteris prolifera*.  
*serrulatum*, M. [*ante* 167].—Malay Islands, Amboyna.  
*Asplenium serrulatum*, Roxb. *Calc. Journ. Nat. Hist.* iv. 498; *Metten. Aspl.* 177; *Hook. Sp. Fil.* iii. 255.  
*serrulatum*, Desv.—*Diplazium arborescens*.  
*setosum*, Presl, *Tent. Pter.* 113.—Philippines.  
*Asplenium ? setosum*, Presl, *Rel. Hanc.* i. 42; *Metten. Aspl.* 149.  
*Shepherdii*, Presl.—*Diplazium radicans*.  
*Shepherdii*, Kl. in part.—*Diplazium caracasenum*.

\* *D. Seemannii*: fronds pinnate, the apex elongato-attenuate; pinnae oblong acute subfalcate, rarely pinnatifid, the base truncato-subauriculate, the lowest about 2 inches long, shortly stalked, the upper gradually smaller to the apex; rachis and stipes puberulous.—Though allied to *D. grandifolium*, which it resembles in general features, this plant is distinct in being considerably smaller, and in having a much more tapered apex. The fronds are about a foot and half long (stipes 6-8 inches, lamina 12 inches), and only about four inches broad at the base, whence they gradually narrow upwards. The rachides and stipes are rounded behind, and grooved with three channels in front.

*Sieberianum*, Presl, *Tent. Pter.* 113.—? . . . . . (*Sieb. Fl. Mart.* 346).

*Smithianum*, Kze.—*Diplazium sorzogonense*.

*sorzogonense*, Presl, *Tent. Pter.* 114; *Id. Epim. Bot.* 86.—Philippines (*Cuming* 301); Java (*Zoll.* 1483); Penang; India: Sikkim (*Hook. fil. et Thom.* 199, in part), Khasya, Bhotan.

*Diplazium sorzogonense*, J. Sm. *Hook. Journ. Bot.* iii. 407; *Fée, Gen. Fil.* 214.

*Diplazium acuminatum*, Moritz, *Verz.* 111.

*Diplazium Smithianum*, Kze. *Bot. Zeit.* vi. 194.

*Asplenium parallelum*, Wall. *Cat.* 228.

*Asplenium sorzogonense*, Presl, *Rel. Hank.* i. 45; *Spreng. Syst.* 87; *Mett. Aspl.* 185, t. 6, fig. 24, 25; *Hook. Sp. Fil.* iii. 262.

*Hypochlamys sorzogonensis*, Fée, *Gen. Fil.* 200 (excl. syn. Schkr.)

—*S. majus*, (*Hook. Sp. Fil.* iii. 252).—Borneo.

*sorbifolium*, Presl, *Tent. Pter.* 113; *Id. Epim. Bot.* 85.—India.

*Asplenium sorbifolium*, Willd. *Sp. Pl.* v. 312—f. Presl; *Spreng. Syst.* 82; *Desv. Prod.* 275; *Poir. Enc. Suppl.* ii. 504; *Mett. Aspl.* 177; *Hook. Sp. Fil.* iii. 265.

*speciosum*, Bl. *Enum.* 193.—Java (*Zoll.* 1896 a).

*Diplazium speciosum*, Kze. *Bot. Zeit.* vi. 194.

*Asplenium speciosum*, Metten. *Aspl.* 185, t. 5, fig. 5; *Hook. Sp. Fil.* iii. 263.

*speciosum*, Brack.—*Diplazium Brackenridgii*.

*spinosum*, Bory.—*Callipteris accedens*.

*spinulosum*, Bl. *Enum.* 193.—Java.

*Diplazium spinulosum*, Metten. *Aspl.* 190.

*spinulosum*, Reinw. MS.—*Callipteris accedens*.

*striatum*, Presl, *Tent. Pter.* 114.—W. Indies: Jamaica, Martinique (*Belanger* 1008), Dominica, Cuba (*Wright* 847, 1038, 1039, 1044), Guadeloupe, St. Vincent, Trinidad; Mexico (*Jurgensen* 868); Brazil (*Moricand* 2509); Peru: Tarapota (*Spruce* 4124); Ecuador (*Spruce* 5417); Venezuela (*Fendl.* 148, 436); Caraccas (*Miquel* 18)—*Plum.* tt. 18, 19.

*Diplazium striatum*, Desv. *Prod.* 281; Kze. *Lin.* xviii. 334; xxiii. 261; J. Sm. *Cat. Ferns* 43; Fée, *Gen. Fil.* 214; *Lieb. Moz. Brygn.* 101; *Lowe, Ferns* v. t. 43.

*Asplenium costale*, Sieb. *Fl. Mart.* 362.—f. Klfs.

*Asplenium striatum*, Lin. *Sp. Pl.* 1539; Lam. *Enc.* ii. 308; Sw. *Syn. Fil.* 82; Willd. *Sp. Pl.* v. 338; *Spreng. Syst.* 87; *Mett. Aspl.* 185.

*striatum*, Hook.—*Diplazium radicans*.

*striatum*, Hort.—*Diplazium distentum*.

*subserratum*, M.—Java (*Zoll.* 1508, 3092).

- Diplazium decipiens, *Kze. Bot. Zeit.* vi. 193, in obs.  
 Diplazium lonchophyllum, *Kze. Bot. Zeit.* vi. 193; non *Lin.* xlii. 141.  
 Diplazium sundense, *Hassk. Cat. Hort. Bogor.* 7.  
 Asplenium decipiens, *Zippel. MS.*: *Hb. Kze.*—f. Metten.  
 Asplenium lonchophyllum, *Metten. Aspl.* 181; *Hook. Sp. Fil.* iii. 236.  
 Asplenium subserratum, *Bl. Enum.* 174; *Metten. Aspl.* 90; *Hook. Sp. Fil.* iii. 236, t. 164 B.  
 Asplenium sundense, *Bl. Enum.* 175; *Metten. Aspl.* 91.  
 Asplenium vittaeforme minus, *Moritz, Verz.* ?  
*subalatatum*, *Hew. MS.*—*Diplazium expansum*.  
*sundense*, *Hassk.*—*Diplazium subserratum*.  
*Swartzii*, *Bl.*—*Callipteris prolifera*.  
*sylvaticum*, *Sw. Syn. Fil.* 92.—*Mauritius* (*Sieb. Syn.* 29);  
 Philippines; Amboyna; Penang; Feejee Islands; Ceylon (*Hook. fil. et Thom.* 196; *Gardn.* 1349; *Col. Perad.* 1349); Moulmein; Java (*Zoll.* 1350); Hong Kong (*Bourring* 17—f. *Hook.*); Sam-la Bay; Fernando Po (*Mann* 144).  
*Diplazium sylvaticum*, *Moore et Houlst. Gard. Mag. Bot.* iii. 231;  
*J. Sm. Cat. Ferns* 48; *Hook. Kew Journ. Bot.* ix. 343; *Lowe, Ferns* v. t. 49.  
*Diplazium acuminatum*, *Presl, Tent. Pter.* 113; *Willd. Sp. Pl.* v. 352;  
*Poir. Enc. Suppl.* ii. 487; *Schler. Crypt.* 80, t. 85 b (veins incor.);  
*Spreng. Syst.* 68; *Desv. Prod.* 280; *J. Sm. Cat. Kew Ferns* 6; *Id. Cat. Ferns* 48; *Kze. Lin.* xxiii. 251; *Id. Bot. Zeit.* iv. 443.  
*Diplazium crassicaule*, *Curm. MS.*: *Hb. Hook.*  
*Diplazium dentatum*, *Bojer MS.*  
*Diplazium Hilsenbergianum*, *Presl, Epim. Bot.* 84.  
*Anisogonium sylvaticum*, *Presl, Tent. Pter.* 116; *Hook. Gen. Fil.* t. 56 B.  
*Asplenium acuminatum*, *Wall. Cat.* 205; *Metten. Aspl.* 181.  
*Asplenium mixtum*, *Roxb. Calcutta Journ. Nat. Hist.* iv. 499; *Metten. Aspl.* 184; *Hook. Sp. Fil.* iii. 255.  
*Asplenium sylvaticum*, *Presl, Eel. Hænk.* i. 42; *Metten. Fil. Lips.* 74;  
*Id. Aspl.* 179; *Hook. Sp. Fil.* iii. 248.  
*Callipteris sylvatica*, *Bory, Voy.* i. 282; *Fée, Gen. Fil.* 219.  
*Microstegia sylvatica*, *Presl, Epim. Bot.* 90.  
*sylvaticum*, *Bl.*—*Callipteris ambigua*.  
*tenerum*, *Presl.*—*Diplazium extensum*.  
*tenuis*, *Desv. Prod.* 281.—*S. America.*  
*Diplazium tenue*, *Metten. Aspl.* 179; *Hook. Sp. Fil.* iii. 255.  
*ternatum*, *Liebm.*—*Callipteris ternata*.  
*thelypteroides*, *Presl.*—*Athyrium thelypteroides*.  
*Thwaitesii*, *Klotzsch, Cat. Hort. Augustin* (1857) 4.—Ceylon (*Gardn.* 1343; *Hook. fil. et Thom.* 211).  
*Asplenium Thwaitesii*, *A. Br. Ind. Sem. Hort. Berol.* 1857; *Metten. Aspl.* 183; *Hook. Sp. Fil.* iii. 250; *Id. 2nd Cent. Ferns* t. 45.  
*tomentosum*, *Bl. Enum.* 192.—Java; Malacca (*Cuming* 386);  
 Penang; Mergui; Khasya.  
*Diplazium deflexum*, *J. Sm. Hook, Journ. Bot.* iii. 407; *Fée, Gen. Fil.* 214.

- Asplenium argutans*, Fée, *Gen. Fil.* 191, 194; *Id. Icon. Nouv.* 53, t. 24, fig. 2 (juven.); *Metten. Aspl.* 184.  
*Asplenium deflexum*, *Metten. Aspl.* 184.  
*Asplenium formosum*, Sieb. *Fl. Mist.* 246.—f. Fée.  
*Asplenium hemionitoides*, Roxb. *Calc. Journ. Nat. Hist.* iv. 408; *Metten. Aspl.* 184; *Hook. Sp. Fil.* iii. 265.  
*Asplenium marginatum*, Wall. *Cat.* 2208, in part, i.e. specim. Roxb.; *Id. Cat.* 2204 (which is *Aspl. divaricatum*, Wall., and not in Wall. Hb.)—f. Hook.  
*Asplenium tomentosum*, *Hook. Sp. Fil.* iii. 249.  
*truncatum*, Presl.—*Diplazium expansum*.  
*tumulosum*, Moore.—*Diplazium hians*.  
*Tussacii*, Fée.—*Diplazium costale*.  
*umbrosum*, Willd. *Sp. Pl.* v. 353.—N. Grenada; Java—f. Bl.  
*Diplazium umbrosum*, Poir. *Enc. Suppl.* ii. 467; *Desc. Prod.* 261; *Spreng. Syst.* 69; *Bl. Enum.* 194; *Presl, Tent. Pter.* 114; *Metten. Aspl.* 188; *Hook. Sp. Fil.* iii. 265.  
*umbrosum*, Moritz.—*Callipteris ambigua*.  
*undulatum*, Poir.—*Callipteris undulosa*.  
*undulosum*, Sw.—*Callipteris undulosa*.  
*undulosum*, Sieb.—*Callipteris prolifera*.  
*varium*, Gaud. *Frey. Voy.* 322.—Moluccas.  
*Diplazium varium*, *Presl, Tent. Pter.* 114; *Metten. Aspl.* 190; *Hook. Sp. Fil.* iii. 265.  
*Asplenium radicans*, Auct.—f. *Metten*.  
*Microstegia varia*, *Presl, Epim. Bot.* 92, 261.  
*vestitum*, *Presl, Epim. Bot.* 87.—Philippine Islands (*Cunning* 386); Borneo.  
*Diplazium vestitum*, Fée, *Gen. Fil.* 214; *Metten. Aspl.* 187.  
*Diplazium extensum*, J. Sm. *Hook. Journ. Bot.* iii. 407, in part.  
*Asplenium vestitum*, *Hook. Sp. Fil.* iii. 260; *Id. 2nd Cent. Ferns* t. 46.  
*villosum*, *Presl, Tent. Pter.* 114.—Mexico.  
*Asplenium villosum*, *Presl, Rel. Hank.* i. 46.  
*virescens*, Kze. *Bot. Zeit.* vi. 537.—Japan (*Zoll.* 19; *Goring* 95, 104).  
*Asplenium virescens*, *Metten. Aspl.* 191; *Hook. Sp. Fil.* iii. 260.  
*vittaeforme*, Kze.—*Asplenium vittaeforme*.  
*Wagenerianum*, "Kl."; *A. Br. Ind. Sem. Hort. Ber.* 1855—Caraccas; Mexico (*Lind.* 1491); Jamaica; Martinique (*Belanger* 808).  
*Asplenium obtusum*, *Metten. Hort. Lips.* 78.  
*Asplenium Wagenerianum*, *A. Br. Ind. Sem. Hort. Ber.* 1856; *Metten. Ind. Sem. Hort. Lips.* 1856; *Id. Aspl.* 188; *Hook. Sp. Fil.* iii. 265.  
*zeylanicum*, M.—Ceylon (*Gardn.* 1249).  
*Asplenium zeylanicum*, *Hook. 2nd Cent. Ferns* t. 16.  
*Zollingeri*, Kze.—*Oxygonium integrifolium*.

**Diplostachyum**, *Paliset de Beauvois, Prod. L'Éthéog.* 104.

- apodum*, Beauv.—*Selaginella apus*.  
*helveticum*, Beauv.—*Selaginella helvetica*.  
*radicans*, Beauv.— { *Selaginella helvetica*.  
                                   *Selaginella denticulata*.  
*tenellum*, Beauv.—*Selaginella tenella*.

**DIPTERIS**, *Reinwardt, Syllog. Plant. Regensb. Bot. Soc.* 1825, ii. 3 [Synopsis p. lxxix.]

- conjugata*, *Reinw. Syllog. Pl.* ii. 3.—Java (*Zoll.* 1263); Philippines (*Cuming* 155); Borneo; Penang; Singapore; Malacca; Aneitium; Feejee Islands; New Caledonia.

- Dipteris conjugata*, *Fée, Gen. Fil.* 274 (excl. syn. Hook. et Grev.)  
*Drynaria Horsfieldii*, *J. Sm. Hook. Journ. Bot.* iii. 398; iv. 61; *Brack. U. S. Expl. Exped.* xvi. 46.  
*Phymatodes conjugata*, *Presl, Tent. Pter.* 198 (excl. syn. Hook. et Grev.)  
*Polypodium conjugatum*, *Klfs. Wessen. der Farruk.* 104, 106; *Kze. Anal.* 16, t. 10; *Id. Bot. Zeit.* vi. 118; *Id. Lin.* xxiii. 277 (excl. syn. Pol. Wallichii); *Metten. Pol.* 119.  
*Polypodium Dipteris*, *Bl. Enum.* 136; *Id. Fl. Jav.* 174, t. 81; *Metten. Fil. Lips.* 38.  
*Polypodium Horsfieldii*, *E. Br. MS.: Wall. Cat.* 286; *Hort. Fl. Jav.* t. 1.

*Polypodium palmatum*, *Wall. Hb.*

*crassifolia*, *J. Sm.*—*Pleopeltis crassifolia*.

*Lobbiana*, *M.* [Synopsis p. lxxx.]—Mount Ophir, Malacca; Borneo.

*Polypodium Lobbianum*, *Hook. Kew Journ. Bot.* v. 309, t. 11; *Metten. Pol.* 104.

*Wallichii*, *M.* [Synopsis p. lxxx.]—Sylhet; Assam; Cachar; Bhotan; Khasya.

- Drynaria Wallichii*, *J. Sm. Hook. Journ. Bot.* iv. 61.  
*Polypodium macrocheiros*, *Wall. Hb.*  
*Polypodium Wallichii*, *E. Br. MS.: Wall. Cat.* 287; *Hook. et Grev. Leon. Fil.* t. 168, 169; *Metten. Pol.* 119.

**Discostegia**, *Presl, Supp. Tent. Pter.* 11.

- alata*, *Presl.*—*Marattia alata*.  
*lavis*, *Presl.*—*Marattia alata*,  $\beta$ .  
*micropylla*, *Fée.*—*Marattia Schaffneri*.

**Disphenia**, *Presl, Tent. Pter.* 55.

- aculeata*, *Presl.*—*Cyathea aculeata*.  
*aculeata*, *Karst.*—*Cyathea mollissima*.  
*arborea*, *Presl.*—*Cyathea arborea*.  
*aspera*, *Presl.*—*Cyathea aspera*.  
*guadalupensis*, *Hort.*—*Cyathea arborea*.

Chittagong, Malacca; Indian Archipelago (*Seem.* 2315); Java (*Zoll.* 41; *Drege* 8); Singapore (*Rob. Schomb.* 24); Penang; Moluccas; Philippines (*Cuming* 115); Ceylon (*Gardn.* 1156); Marianne Isles; ?Japan (*Zoll.* 2).—*Lin. Amœn. Acad.* i. t. 12, fig. 2.

*Drymoglossum piloselloides*, *Fée*, *Vitt.* 29; *Id.* *Gen. Fil.* 94, t. 9 A, fig. 2; *J. Sm. Hook. Journ. Bot.* iv. 66; *Kœ. Lin.* xiii. 262; *Hook. Gard. Ferns* t. 46.

*Drymoglossum rotundifolium*, *Presl*, *Epim. Bot.* 157; *Fée*, *Vitt.* 29; *Id.* *Gen. Fil.* 95.

*Drymoglossum spathulatum*, *Presl*, *Tent. Pter.* 227; *Fée*, *Vitt.* 29; *J. Sm. Hook. Journ. Bot.* iv. 66.

*Acrostichum heterophyllum*, *Lin. Sp. Pl.* 1523; *Lam. Enc. Bot.* i. 34. *Lemmaphyllum spathulatum*, *Presl*, *Epim. Bot.* 159.

*Nothochlæna piloselloides*, *Ktze. Enum.* 133 (excl. *Rhede* t. 20); *Bl. Enum.* 108; *Id.* *Fl. Jav.* 87; *Spreng. Syst.* 42; *Kœ. Bot. Zeit.* iv. 441; vi. 506; *Wall. Cat.* 139.

*Piper nummularium*, *Lam. Ill.* i. 82.—*f. Desv.*; *Poir. Enc. Supp.* iv. 454.

*Pteris piloselloides*, *Lin. Sp. Pl.* 1530; *Poir. Enc. Bot.* v. 706; *Sw. Syn. Fil.* 94, 266, t. 2, fig. 8; *Schkr. Crypt.* 83, t. 87; *Willd. Sp. Pl.* v. 355; *Kœb. Calc. Journ. Nat. Hist.* iv. 503.

*Pteropsis nummularia*, *Desv. Prod.* 218.

*Pteropsis piloselloides*, *Desv. Prod.* 218.

*Tenitis piloselloides*, *E. Br. Prod. Fl. Nov. Holl.* 154, in obs.; *Mett.* *Fl. Lips.* 23, t. 10 fig. 6-8,

*rigidum*, *Hook.*—*Schizolepton rigidum*.

*rotundifolium*, *Presl.*—*Drymoglossum piloselloides*.

*spathulatum*, *Presl.*—*Drymoglossum piloselloides*.

*subcordatum*, *Fée*, *Gen. Fil.* 94, t. 9 A, fig. 1; *Id.* *Vitt.* 29.—

China: Hong Kong (*Bowring* 18; *Wilford* 332); South China (*Seem.* 2382, in part); Japan (? *Zoll.* 2): Nagasaki, Simoda; Tsus-Sims (*Wilford* 433); Amboyna.—*Banks. Leon. Kœmpf.* t. 31.

*Drymoglossum carnosum*, *Hook. Kew Journ. Bot.* ix. 369 (excl. *syn.* *Wall.*; *Presl.*)

*Lemmaphyllum microphyllum*, *Presl*, *Epim. Bot.* 263.

*Pteris piloselloides*, *Thunb. Fl. Jap.* 331.

# **DRYNARIA**, *Bory, Ann. Sc. Nat.* v. 464, t. 12-14 (§); *J. Smith, Hook. Journ. Bot.* iv. 60. [Synopsis p. lxxviii.]

*acuminata*, *Brack.*—*Pleopeltis acuminata*.

*acuminata*, *Brack. (bis).*—*Pleopeltis adfinis*.

*adfinis*, *J. Sm.*—*Pleopeltis adfinis*.

*alata*, *Brack.*—*Pleopeltis alata*.

*albido-squamatum*, *J. Sm.*—*Pleopeltis varians*.

*alternifolia*, *Brack.*—*Pleopeltis alternifolia*.

*angusta*, *Fée.*—*Pleopeltis angusta*.

? *angustata*, *Fée.*—*Nipholobolus angustatus*.

[*angustiloba*, *M.*—? . . . . .]

*Phymatodes angustiloba*, *Presl, Tent. Pter.* 196.]

[*Gen. 65. Sp.* 1419.]

*araneosa*, Fée.—*Pleopeltis araneosa*.

*Billardieri*, J. Sm.—*Pleopeltis Billardieri*.

[*brancefolia*, M.—Philippine Islands.

*Polypodium* ? *brancefolium*, *Presl, Rel. Hark. i. 22*; *Mett. Pol. 117*.  
*Phymatodes brancefolia*, *Presl, Tent. Pter. 198*.]

*Browniana*, Fée.—*Dictyopteris attenuata*.

*capitellata*, J. Sm.—*Pleopeltis juglandifolia*.

*chilensis*, Fée.—*Pleopeltis chilensis*.

*coadunata*, Brack.—*Pleopeltis coadunata*.

*compacta*, Fée.—*Pleopeltis lanceolata*.

[*conjugata*, M.—India—f. *Poiret*; Africa—f. *Plukenet*.—*Pluk. t. 179, fig. 1* (stipes winged).

*Polypodium conjugatum*, *Poir. Enc. Bot. v. 516*, (excl. A); *Sw. Syn. Fl. 62*.]

*contigua*, J. Sm.—*Paragramma longifolia*.

*cordifolia*, Fée.—*Aspidium trifoliatum* (juven.)

*coronans*, J. Sm. *Hook. Journ. Bot. iv. 61*; *Id. Cat. Ferns 14*.

—India: Nepal, Assam, Moulmein, Mishmee, Malacca, Khasya, Sikkim, Kumaon; Hong Kong (*Welford 364*).

*Phymatodes coronans*, *Presl, Tent. Pter. 198*.

*Polypodium coronans*, *Wall. Cat. 288*; *Mett. Pol. 121, t. 3, fig. 40, 41*; *Hook. Kew Journ. Bot. ix. 367* (excl. syn. *Presl*); *Id. Fl. Exot. i. t. 91* (excl. *Polypodium contiguum*, *Wall.*); *Lowe, Ferns ii. t. 58*.

*crassifolia*, J. Sm.—*Pleopeltis crassifolia*.

*crassinervata*, Fée.—*Pleopeltis crassinervata*.

*curvivenia*, M.—Singapore.

*Polypodium curvivenium*, *Wall. Cat. 292*.

*cuspidiflora*, J. Sm.—*Pleopeltis accedens*.

*decurrens*, Brack.—*Pleopeltis decurrens*.

*diversifolia*, J. Sm. *Hook. Journ. Bot. iii. 397*; *iv. 61*; *Id.*

*Cat. Ferns 14*.—Tropical New Holland; Brisbane River; Head of Burnett River; Norfolk Island; Pacific Isles: Bawak; Aneitium; Feejees; Isle of Pines; Philippines (*Cuming 248, 263*); Java (*Zoll. 781, 1622 b*); Penang; Malay Peninsula.

*Drynaria diversifolia*, *Brack. U. S. Expl. Exped. xvi. 55*.

*Drynaria Gaudichaudii*, "Bory": *Gaud. Frey, Voy. 355* (sub *Pol. diversifolium*).

*Drynaria pinnata*, Fée, *Gen. Fl. 271, 272*.

*Phymatodes Gaudichaudii*, *Presl, Tent. Pter. 198*.

*Polypodium cuspidatum*, *Moritz, Verz.—f. Kze.*

*Polypodium diversifrons*, *Hort. Germ.—f. Backh.*

*Polypodium Gaudichaudii*, *Bory, Ann. Sc. Nat. v. 471, t. 14*; *Bl. Enum. Fl. addenda*; *Id. Fl. Jav. 158, t. 67*; *Mett. Pol. 120, t. 3, fig. 46, 47*.

*Polypodium diversifolium*, *Z. Br. Prod. Fl. Nov. Holl.* 147; *Spreng. Syst.* 55; *Desv. Prod.* 237; *Kze. Bot. Zeit.* iv. 423; vi. 119; *Gaud. Voy.* 355; *Wickstr. Kong. Acad. Handl. Stockh.* 1825, 485; *Lowe, Ferns* i. t. 43; *Hook. Gard. Ferns* t. 5.  
*Polypodium glaucistipes*, *Wall. Cat.* 297.  
*Polypodium speciosum*, *Bl. Enum.* 132.

*dubia*, J. Sm.—*Pleopeltis pteropus*.  
*elongata*, Brack.—*Pleopeltis linearis*.  
*elongata*, Fée.—*Loxogramma elongata*.  
*ensata*, Eaton.—*Pleopeltis ensata*.

*Fortunii*, J. Sm. *Bot. Voy. Her.* 425—China: Foo-Chow-Foo (*Hance* 1409); Pih-Quau; Lung-lau; Amoy.

*Polypodium Fortunii*, *Kze. Hb.: Metten. Pol.* 121, t. 3, fig. 42-45.

*Fortuni*, Moore.—*Pleopeltis nuda*.  
*fulva*, Fée.—*Phlebodium fulvum*.  
*Gaudichaudii*, "Bory": *Gaud.*—*Drynaria diversifolia*.  
*glaucina*, J. Sm.—*Pleopeltis glauca*.  
*glaucina*, Fée.—*Pleopeltis glaucina*.  
*grossa*, Fée.—*Pleopeltis Phymatodes*.  
*hastata*, Fée.—*Pleopeltis hastata*.  
*hemionitidea*, J. Sm.—*Pleopeltis hemionitidea*.

*Heracleum*, M.—Java (*Zoll.* 977 s); Philippines (*Cuming* 830).

*Drynaria morbillosa*, J. Sm. *Hook. Journ. Bot.* iii. 398; *Id. Cat. Ferns* 14 (excl. syn. Presl).

*Polypodium giganteum*, *Zoll. et Moritz Hb.*—f. *Kze.*

*Polypodium Heracleum*, *Kze. Bot. Zeit.* vi. 117; *Metten. Pol.* 117, t. 3, fig. 52; *Hook. Gard. Ferns* t. 1.

*Polypodium morbillosum*, *Hort.*—f. *Metten.; Lowe, Ferns* ii. t. 32.

*Horsfieldii*, J. Sm.—*Dipteris conjugata*.  
*integrifolia*, Hort.—*Pleopeltis irioides*, e.  
*irioides*, J. Sm.—*Pleopeltis irioides*.  
*iteophylla*, Fée.—*Pleopeltis geminata*.  
*latifolia*, Fée.—*Pleopeltis latifolia*.  
*leiorhiza*, J. Sm.—*Pleopeltis leiorhiza*.  
*lepidota*, Fée.—*Pleopeltis lanceolata*.  
*lomarioides*, J. Sm.—*Pleopeltis lomarioides*.  
*longifolia*, Brack.—*Pleopeltis longifolia*.  
*longifrons*, J. Sm.—*Pleopeltis longifrons*.  
*longipes*, J. Sm.—*Pleopeltis Phymatodes*, β.  
*longissima*, J. Sm.—*Pleopeltis myriocarpa*.  
*loriformis*, J. Sm.—*Pleopeltis loriformis*.  
*lycopodioides*, Fée.—*Pleopeltis lycopodioides*.  
*macrocarpa*, Fée.—*Pleopeltis lanceolata*.  
*macrocarpa*, Fée.—*Niphobolus angustatus*.  
*maxima*, Brack.—*Pleopeltis maxima*.  
*melanococca*, Hort.—*Pleopeltis longissima*, β.



*menisciocarpon*, J. Sm.—*Dryomenis menisciicarpa*.  
*mexicana*, Fée.—*Loxogramma elongata*.

*morbillosa*, M.—Philippine Islands; Java; Malay Islands.

*Phymatodes morbillosa*, Presl, *Tent. Pter.* 198, t. 8, fig. 16.

*Polypodium ensifolium*, Goldm. in litt.

*Polypodium ? quercifolium*, Hort. Anatol.—f. Kze.

*Polypodium morbillosum*, Presl, *Rel. Hank.* i. 23, t. 3, fig. 3; Kze.  
*Lin.* xxiii. 281; Metten. *Fil. Lips.* 37 t. 20, fig. 9; *Id. Pol.* 117.

*Polypodium siliifolium*, Goldm. *Nov. Act. N.C.* xix. supp. 1. 454—f. Mett.

*morbillosa*, J. Sm.—*Drynaria Heracleum*.

*musæfolia*, J. Sm.—*Pleopeltis musæfolia*.

*neglecta*, J. Sm.—*Goniophlebium nummularium*.

*normalis*, J. Sm.—*Pleopeltis normalis*.

*nuda*, Fée.—*Pleopeltis nuda*.

*obtusata*, Brack.—*Pleopeltis obtusata*.

*oodes*, Fée.—*Pleopeltis oodes*.

*Ottomiana*, Fée.—*Pleopeltis Ottoniana*.

*ovata*, Fée.—*Pleopeltis ovata*.

*palmata*, J. Sm.—*Pleopeltis palmata*.

*persicariæfolia*, Fée.—*Pleopeltis persicariæfolia*.

*percussa*, Fée.—*Pleopeltis percussa*.

*phlebodes*, Fée.—*Pleopeltis excavata*.

*Phymatodes*, Fée.—*Pleopeltis Phymatodes*.

*pinnata*, Fée.—*Drynaria diversifolia*.

*plantaginea*, J. Sm.—*Pleopeltis plantaginea*.

*polycarpa*, Brack.—*Pleopeltis polycarpa*.

*Prieurii*, Fée.—*Pleopeltis lanceolata*.

*propinqua*, J. Sm.—*Drynaria Willdenowii*.

*Proustiana*, Gaud.—*Aglaomorpha Meyeniana*.

*pulverulenta*, Brack.—*Pleopeltis pulverulenta*.

*pustulata*, J. Sm.—*Pleopeltis pustulata*.

*quercifolia*, J. Sm. *Hook. Journ. Bot.* iii. 398; iv. 61; *Id.*

*Cat. Kew Ferns* 2; *Id. Cat. Ferns* 14.—India: Bengal,

Pegu, Sylhet, Moulmein, Bhotan, Sikkim, Malabar,

Neilgherries (*Schmid* 161, 163); Ceylon (*Gardn.* 1142);

Penang; Singapore (*Rob. Schomb.* 36); Malacca; Indian

Archipelago (*Seem.* 2800); Rawak (*Gaud.*); Java (*Zoll.*

994); Moluccas; Amboyna; Borneo; Philippines (*Cu-*

*ming* 25, 273, 414 slender); Polynesia; Feejees; Solo-

mon Isles; China; N. Holland; Trinity Bay N. Coast,

E. Coast Tropics, Albany Isl.—Rheede *Mal.* xii. t. 11—

f. Sw.; Rumph. *Amb.* vi. t. 36.—f. Bory; Pluk. t. 36,

fig. 5; Houtt. xiii. t. 98, fig. 2.—f. Sw.

*Drynaria quercifolia*, Fée, *Gen. Fil.* 271.

*Phymatodes quercifolia*, Presl, *Tent. Pter.* 198, t. 8, fig. 10, 11.

*Phymatodes sylvatica*, Presl, *Tent. Pter.* 198.

[Gen. 65. Sp. 1422.]

- Polypodium callophyllum*, Zipp. *MS.*—f. Mett.  
*Polypodium* Linnæi, Bory, *Ann. Sc. Nat.* (1835) v. 465, t. 12.  
*Polypodium quercifolium*, Lin. *Sp. Pl.* 1547; Sw. *Syn. Fil.* 32; Schkr. *Crypt.* 13, t. 13; Poir. *Enc. Bot.* v. 517; Br. *Prod. Fl. Nov. Holl.* 147; Ktze. *Enum.* 97; Desv. *Prod.* 235; Spreng. *Syst.* 49; Presl, *Rel. Hank.* 1. 21; Wall. *Cat.* 291; Bl. *Enum.* 135; *Id. Fl. Jav.* 153; Kze. *Lin.* xxiii. 293; xxiv. 255; Metten. *Fil. Lips.* 38, t. 20, fig. 8; *Id. Pol.* 122; Brack. *U.S. Expl. Exped.* xvi. 55; Lowe, *Ferns* ii. t. 10 (ster.)  
*Polypodium quercoides*, Desv. *Prod.* 235.  
*Polypodium Schkuhrrii*, Bory, *Ann. Sc. Nat.* (1825) v. 467.  
*Polypodium sylvaticum*, Schkr. *Crypt.* 23, t. 8 b.  
*Polypodium trilobum*, Houtt. *Pflanz.* xiii. 166 (? excl. t. 98, fig. 1.—f. Schkr.)

- Raddiana*, Fée.—*Pleopeltis Raddiana*.  
*revoluta*, J. Sm.—*Paragramma longifolia*.  
*rubida*, J. Sm.—*Pleopeltis longissima*.  
*rupestris*, J. Sm.—*Phymatodes rupestris*.  
*scandens*, Fée.—*Pleopeltis pustulata*.  
*Schomburgkiana*, Fée.—*Pleopeltis Schomburgkiana*.  
*sesquipedalis*, J. Sm.—*Pleopeltis excavata*.  
*sparsisora*, M.—*Coromandel*.

*Polypodium sparsisorum*, Desv. *Berl. Mag.* v. 315 (excl. loc. nat.—f. Desv.); *Id. Journ. Bot.* iv. 261; *Id. Prod.* 235; Poir. *Enc. Suppl.* iv. 504.

- spectrum*, J. Sm.—*Pleopeltis spectrum*.  
*stenoloma*, Fée.—*Pleopeltis stenoloma*.  
*stenophylla*, J. Sm.—*Pleopeltis stenophylla*.  
*subfalcata*, J. Sm.—*Pleopeltis Zippelii*.  
*subspathulata*, Hook.—*Pleopeltis subspathulata*.  
*tenuiloris*, J. Sm.—*Pleopeltis tenuiloris*.  
*Thouiniana*, Fée.—*Pleopeltis spectrum*.  
*torulosa*, Fée.—*Pleopeltis torulosa*.  
*tridactylis*, Fée.—*Pleopeltis tridactyla*.  
*undulata*, J. Sm.—*Pleopeltis membranacea*.  
*? vestita*, Fée.—*Pleopeltis polylepis*.  
*vulgaris*, J. Sm.—*Pleopeltis Phymatodes*.  
*Wallichii*, J. Sm.—*Dipteris Wallichii*,  
*Willdenowii*, M. [*Synops.* lxxix].—*Mascaren Isles* (Sieb. 172; *Id. Syn. Fil.* 30; *Id. Fl. Maur. Suppl.* 6); Madagascar; Java (*Zoll.* 3270); India: Nepal, Simla, Kumaon Sikkim, Khasya, Bhotan, Assam; Fernando Po (*Barter* 1921; *Mann* 339).

*Drynaria propinqua*, J. Sm. *Hook. Journ. Bot.* iv. 61; *Id. Cat. Ferns* 13.

- Phymatodes Thouarsii*, Presl, *Tent. Pter.* 198.  
*Phymatodes propinqua*, Presl, *Tent. Pter.* 198.  
*Polypodium dimorphum*, Zoll. *Hb.* 3270.—f. Metten.  
*Polypodium propinquum*, Wall. *Cat.* 293; Metten. *Pol.* 120, t. 3, fig. 50; Lowe, *Ferns* ii. t. 57.

*Polypodium quercifolium*, Willd. *Sp. Pl.* v. 170 (excl. syn).—f. Bory:  
*Polypodium Thouarsii*, Willd. *Hb.* 19643, —f. Presl.  
*Polypodium Willdenowii*, Bory, *Ann. Sc. Nat.* (1825) v. 468, t. 18 (excl.  
 syn. Willd.—f. Bl.); *Bl. Enum. Add.*; *Id. Fil. Jav.* 185, t. 66; *Desc.*  
*Prod.* 235; *Metten. Pol.* 120, t. 3, fig. 48, 49; *Hook. Gard. Ferns*  
 t. 35.

*zeylanica*, Fée—*Pleopeltis zeylanica*.

**Drynaria**, Presl, *Tent. Pter.* 197 (PHYMATODES § 3, Presl)=  
 PLEOPELTIS.

**DRYOMENIS**, Fée, *Gen. Fil.* 225. [Synopsis p. xlvii.]

*menisciocarpa*, M. [*Synops.* xlvii.].—Philippines (*Cuming* 4).

*Dryomenis Phymatodes*, Fée, *Gen. Fil.* 225, t. 18 A, fig. 1.  
*Aspidium menisciocarpum*, Metten. *Aspid.* 121—? in part.  
*Drynaria menisciocarpum*, J. Sm. *Hook. Journ. Bot.* iii. 421.  
*Phytogenia*, J. Sm. *Hb. olim.*  
 (An *Sagenia menisciocarpum*).

*Phymatodes*, Fée.—*Dryomenis menisciocarpa*.  
*plantaginea*, J. Sm.—*Pleopeltis plantaginea*.  
*Purdiei*, J. Sm.—*Pleopeltis Purdiei*.

**Dryopteris**, Adanson, *Fam. des Plantes* 20: Schott, *Gen. Fil.*  
 (sub. t. 9).

*abbreviata*, Newm.—*Lastrea Filix-mas*, ♂.  
*affinis*, Newm.—*Lastrea Filix-mas*, β.  
*Borreri*, Newm.—*Lastrea Filix-mas*, γ.  
*cristata*, A. Gray.—*Lastrea cristata*.  
*dilatata*, A. Gray.—*Lastrea dilatata*, β.  
*Filix-mas*, Schott.—*Lastrea Filix-mas*.  
*Filix-mas*, v. *abbreviata*, Newm.—*Lastrea Filix-mas*, ♂.  
*Filix-mas*, v. *affinis*, Newm.—*Lastrea Filix-mas*, β.  
*Filix-mas*, v. *Borreri*, Newm.—*Lastrea Filix-mas*, γ.  
*fragrans*, Schott.—*Lastrea fragrans*.  
*Goldiana*, A. Gray.—*Lastrea Goldiana*.  
*intermedia*, A. Gray.—*Lastrea spinulosa*, β.  
*marginalis*, A. Gray.—*Lastrea marginalis*.  
*noveboracensis*, A. Gray.—*Lastrea noveboracensis*.  
*rigida*, A. Gray.—*Lastrea spinulosa*, γ.  
*Thelypteris*, A. Gray.—*Lastrea Thelypteris*.

**Dryopteris**, J. Sm. *Hb. et Sched. Hb. Ind. Or.*

*calcareae*, J. Sm. MS.—*Polypodium Robertianum*.

**DRYOSTACHYUM**, J. Smith, *Hook. Journ. Bot.* iii. 399  
 [Synopsis p. xxii.]

*caudatum*, J. Sm.—*Pleopeltis caudiformis*.

pilosum, *J. Sm. Hook. Journ. Bot.* iii. 399; iv. 62.—Philippine Islands (*Cuming* 90).

*Dryostachyum pilosum*, *Kze. Schkr. Supp.* i. 139, t. 61; *Fée, Gen. Fil.* 275; *Mett. Fil. Lips.* 20.

*Eupladium dryarioides*, *R. Br. Hb.*

splendens, *J. Sm. Hook. Journ. Bot.* iii. 399; iv. 62.—Philippine Islands (*Cuming* 87).

*Dryostachyum splendens*, *Hook. Gen. Fil.* t. 95; *Fée, Gen. Fil.* 275; *Mett. Fil. Lips.* 20.

**Ectoneura**, *Fée, Hist. Acrost.* 75 (§).—POLYBOTRYA.

**Egenolfia**, *Schott, Gen. Fil.* (t. 16).

*aspleniifolia*, *Fée*.—Polybotrya *aspleniifolia*.

*Gaudichaudiana*, *Fée*.—Polybotrya *Gaudichaudiana*.

*Hamiltoniana*, *Schott*.—Polybotrya *appendiculata*.

*Hamiltoniana*, *Fée*.—Polybotrya *Hamiltoniana*.

*intermedia*, *Fée*.—Polybotrya *intermedia*.

*marginata*, *Fée*.—Polybotrya *appendiculata*.

*montana*, *Fée*.—Polybotrya *montana*.

? *nana*, *Fée*.—*Lomaria lanceolata*.

*neglecta*, *Fée*.—Polybotrya *serrulata*.

*nodiflora*, *Fée*.—Polybotrya *nodiflora*.

*rhizophylla*, *Fée*.—Polybotrya *rhizophylla*.

*Schottii*, *Fée*.—Polybotrya *appendiculata*.

*serrulata*, *Fée*.—Polybotrya *serrulata*.

**ELAPHOGLOSSUM**, *Schott, Gen. Fil.* under t. 15.

[Synopsis p. xvi.]

acrocarpum, *M.* [*ante* p. 4].—Brazil.

*Acrostichum acrocarpum*, *Mart. Fl. Bras.* 85, t. 23, *Fée, Acrost.* 39; *Id. Gen. Fil.* 43.

*Olfersia acrocarpa*, *Presl, Tent. Pter.* 234.

actinotrichum, *M.* [*ante* p. 4].—Brazil.

*Acrostichum actinotrichum*, *Mart. Fl. Bras.* 86; *Fée, Acrost.* 62; *Id. Gen. Fil.* 43.

adenolepis, *M.* [*ante* p. 4].—Peru (*Ruiz Hb.* 55).

*Acrostichum adenolepis*, *Kze. Lin.* ix. 27; *Fée, Acrost.* 59; *Id. Gen. Fil.* 43; *El. Lin.* xx. 426.

—*B. crispum* (*Kze. Lin.* ix. 27).—Peru.

æmulum, *Brack. U.S. Expl. Exped.* xvi. 71.—Sandwich Islands.

- Acrostichum emulium*, *Klfs. Enum.* 63; *Spreng. Syst.* 34; *Fée, Acrost.* 62; *Id. Gen. Fil.* 43.  
*Olfersia emula*, *Presl, Tent. Pter.* 235.
- affine*, M. [*ante* p. 4].—Mexico (*Galeotti* 6454, 6548); Panama (*Hayes* 151); ? New Grenada (*Funck et Schlim* 1465); Venezuela (*Fendl.* 278); Peru (*Lechl.* 1744); Brazil (*Gardn.* 95); Valdivia (*Philippi* 289); Martinique; Cuba (*Wright* 968).
- Acrostichum affine*, M. et *Gal. Foug. Mex.* 24, t. 3, fig. 1; *Metten. Fil.* *Lechl.* 3; *Lieb. Mex. Bregn.* 13; *Sturm, En. Chil.* 10.  
*Acrostichum unitum*, *Bory Hb. Fée, Acrost.* 44; *Id. Gen. Fil.* 43; *Sturm, Enum. Chil.* 10.  
*Olfersia nigrescens*, *Kl. Hb.*
- alatum*, M. [*Synops.* xvi.].—B. Guiana (*Robt. Schomb.* 449; *Rich. Schomb.* 262a); F. Guiana (*Leprieur* 52, 120); Surinam (*Kappl.* 1750, 1750a); Para; Jamaica; Cuba (*Wright* 969).
- Acrostichum alatum*, *Fée, Acrost.* 35, t. 5, fig. 2; *Id. Gen. Fil.* 43; *Kl. Lin.* xx. 419; *Kze. Lin.* xxi. 207 (note); xxiii. 213.  
*Elaphoglossum latifolium*, *J. Sm. Lond. Journ. Bot.* i. 197, in part,
- alatum*, Gaud.—*Elaphoglossum sessile*.
- alismæfolium*, M. [*ante* p. 5].—Gaudeloupe (*L' Herm.* 7); Cuba (*Wright* 791, 968, 970; *Lind.* 2158); Jamaica; Porto Rico; Columbia (*Moritz* 235, 324), Caraccas, Cumana (*Funck* 654); Brazil (*Vauhier* 665); Mexico (*Schaffn.* (1854) 15.)
- Acrostichum alismæfolium*, *Fée, Acrost.* 23, t. 3; *Id. Gen. Fil.* 43; *Kl. Lin.* xx. 420.  
*Acrostichum Phyllitidis*, *L' Herm. MS.*  
*Acrostichum Sartorii*, *Lieb. Mex. Bregn.* 14.  
*Acrostichum spatulatum*, *L' Herm. MS.*
- alpestre*, M. [*ante* p. 5].—Brazil (*Gardn.* 5924).
- Acrostichum alpestre*, *Gardn. in Field. et Gardn. Serot. Plant.* t. 25.
- andicola*, M. [*ante* p. 5].—Columbia (*Moritz* 321); Venezuela (*Lind.* 549); *Fendl.* 293, 296); Mexico.
- Acrostichum andicola*, *Fée, Acrost.* 23, t. 2, fig. 1; *Id. Gen. Fil.* 43, t. 1, fig. 4 (cuticle.)  
*(Elaphoglossum latifolium* affin.)
- angulatum*, Moore.—*Elaphoglossum laurifolium*.
- aphlebium* M. [*ante* p. 5].—Columbia (*Moritz* 322).
- Acrostichum aphlebium*, *Kze. MS.: Kl. Lin.* xx. 419; *Fée, Gen. Fil.* 43.
- apodum*, *Schott, Gen. Fil.* sub. t. 15.—Jamaica; St. Vincent; Montserrat; Brazil (*Spruce* 9\*, 16?); S. Gabriel (*Spruce* 2186); Peru (*Spruce* 4639); Venezuela (*Fendl.* 430); Cayenne.
- Elaphoglossum apodum*, *J. Sm. Hook. Journ. Bot.* iv. 148; *Id. Cat. Ferns* 26.

- Acrostichum apodum*, *Kt's. Enum.* 59; *Spreng. Syst.* 34; *Hook. et Grev. Icon. Fil.* t. 99; *Fée, Acrost.* 42; *Id. Gen. Fil.* 43.  
*Olfersia apoda*, *Presl, Tent. Pter.* 233.
- attenuatum*, M. [*ante* p. 5].—Mexico (*Schaffn.* (1855) 281); Venezuela (? *Fendl.* 290; *Funck et Schlim* 970).
- Acrostichum attenuatum*, *Fée, Hort. Lips.*; *Id. Gen.* 43; *Id. Iconogr. Nov.* 1, 23, t. 1, fig. 1.
- Aubertii*, M. [*ante* p. 5].—Bourbon (*Garnier* 79; *Boivin* 798); Fernando Po; Venezuela (*Fendl.* 265, 281; *Funck et Schlim* 968).
- Acrostichum Aubertii*, *Desc. Berl. Mag.* v. 309; *Id. Journ. Bot.* 1813, 273; *Id. Prod.* 209; *Fée, Acrost.* 45, t. 18, fig. 1; *Id. Gen. Fil.* 43.
- Acrostichum Klotzschii*, *Moritz; Eaton, Mem. Acad. Amer. Sc. n.s.* viii. 194.
- auricomum*, M. [*ante* p. 7].—Peru; Mexico; ? S. Gabriel (*Spruce* 2185).
- Acrostichum auricomum*, *Kze. Lin.* ix. 23; *Fée, Acrost.* 59; *Id. Gen. Fil.* 43.  
*Olfersia auricoma*, *Presl, Tent. Pter.* 234.
- Banksianum*, M. [*ante* p. 7].—(Herb. Delessert—Fée).
- Acrostichum Banksianum* *Fée, Acrost.* 64; *Id. Gen. Fil.* 43.
- Bellermanianum*, M. [*ante* p. 7].—Columbia (*Moritz* 259); Venezuela (*Fendl.* 270).
- Acrostichum Bellermanianum*, *Kt. Lin.* xx. 426; *Fée, Gen. Fil.* 43; *Kze. Schkr. Supp.* ii. 37, t. 115.
- blepharodes*, M. [*ante* 7].—Mexico (*Galeotti* 6297; *Schaffn.* (1855) 282).
- Acrostichum blepharodes*, *Fée, Acrost.* 48, t. 24, fig. 3; *Id. Gen. Fil.* 43.  
*Acrostichum crinitum*, M. et *Gal. Foug. Mex.* 26.
- Blumeanum*, J. Sm.—*Elaphoglossum viscosum*.
- Boryanum*, M. [*ante* p. 7].—Gaudeloupe (*L'Herm.* 2); Martinique.
- Acrostichum Boryanum*, *Fée, Acrost.* 40, t. 1; *Id. Gen. Fil.* 43.
- brachyneuron*, M.—[*ante* p. 7].—Brazil.
- Elaphoglossum brachyneuron*, J. Sm. *Cat. Ferns.* 26.  
*Acrostichum brachyneuron*, *Fée, Acrost.* 40, t. 22, fig. 1; *Id. Gen. Fil.* 43.
- brevipes*, M. [*ante* p. 7].—Guiana (*Lepr.* 56, 385); Columbia (*Moritz* 236); Brazil.
- Acrostichum brevipes*, *Kze. Ind. Fil. Hort. Lips.* 1845; *Id. Lin.* xxiii. 213; *Fée, Acrost.* 29; *Id. Gen. Fil.* 43; *Kt. Lin.* xx. 419; *Metten. Fil. Lips.* 19; *Lowe, Ferns* vii. t. 55.
- Acrostichum callesifolium*, *Link, Hort. Ber.* ii. 47; *Id. Fil. Sp.* 149.
- Acrostichum Lingua*, *Hort.*—f. *Metten.*
- Acrostichum luridum*, *Fée, Acrost.* 35, t. 19, fig. 1; *Id. Gen. Fil.* 43.
- Elaphoglossum callesifolium*, J. Sm. *Bot. Mag.* 1846, comp. 17; *Id. Cat. Kew Ferns* 3; *Id. Cat. Ferns* 25.

**Calaguala**, M. [*ante* p. 7].—Peru (*Ruis Hb.* 54); Columbia (*Moritz* 315).

*Acrostichum* Calaguala, *Kl. Lin.* xx. 421.

(An *Elaphoglossum Euisianum*).

**callasfolium**, M. [*ante* p. 4].—Java (*Zoll.* 1704).

*Acrostichum* emulum, *Moritz, Vers.*

*Acrostichum* callasfolium, *Bl. Enum. Fil.* 100; *Id. Fl. Jav.* 22, t. 4;

*Fée, Acrost.* 28; *Id. Gen. Fil.* 43; *Kze. Bot. Zeit.* vi. 101.

*Olferia* callasfolia, *Presl, Tent. Pter.* 234.

**callasfolium**, J. Sm.—*Elaphoglossum brevipes*.

**callolepis**, M. [*ante* p. 7].—Mexico (*Galeotti* 68 bis.)

*Acrostichum* callolepis, *Fée, Cat. lith. Foug. Mex.* 2; *Id. Iconogr. Nouv.* 69.

**calophyllum**, M. [*ante* p. 7].—Peru; Guiana.

*Acrostichum* calophyllum, *Kze. Lin.* ix. 27; *Fée, Acrost.* 36; *Id. Gen. Fil.* 43.

**cardiophyllum**, M. [*ante* p. 7].—Quito (*Jameson* 212).

*Acrostichum* cardiophyllum, *Hook. Icon. Pl.* t. 715.

**caudatum**, M. [*ante* p. 7].—Quito; Equador.

*Acrostichum* caudatum, *Hook. Icon. Pl.* t. 215 (non Cav.); *Fée, Acrost.* 39; *Id. Gen. Fil.* 43.

**ciliatum**, M. [*ante* p. 8].—Peru (*Lechl.* 2686a), Tarapota (*Spruce* 4755); Equador (*Spruce* 5230, 5231); Columbia (*Moritz* 122, 316); Caraccas (*Miquel* 31); Mexico.

*Acrostichum* ciliatum, *Presl, Rel. Hank.* 15; *Spreng. Syst.* 33; *Kze. Lin.* ix. 28.

*Acrostichum* Preslianum, *Fée, Acrost.* 46, t. 24, fig. 1; *Id. Gen. Fil.* 43; *Kl. Lin.* xx. 420; *Mott. Fil. Lechl.* 4.

*Olferia* ciliata, *Presl, Tent. Pter.* 234.

**cochlearisfolium**, M. [*ante* p. 8].—Quito (*Jameson* 213); Venezuela (*Fendl.* 495).

*Acrostichum* cochlearisfolium, *Fée, Gen. Fil.* 42, 43; *Id. Iconogr. Nouv.* 2, t. 1, fig. 3.

**cognatum**, M. [*ante* p. 10].—Mexico (*Schaffn.* (1854) 22).

*Acrostichum* intermedium, *Fée, Cat. lith. Foug. Mex.* 2; *Id. Iconogr. Nouv.* 69.

**conforme**, *Schott, Gen. Fil.* (sub. t. 15).—South Africa; Java.

*Elaphoglossum* conforme, *J. Sm. Hook. Journ. Bot.* iv. 148; *Id. Cat. Kew Ferns* 3; *Moore et Houlet, Gard. Mag. Bot.* iii. 94, fig. 22.

*Acrostichum* emulum, *Bl. Enum.* 101 (excl. syn.)

*Acrostichum* conforme, *Sw. Syn. Fil.* 10, 192, t. 1, fig. 1; *Willd. Sp. Pl.* v. 107; *Poir. Enc. Supp.* i. 117; *Schl. Adumb.* i. 14; *Kl. Enum.* 62; *Spreng. Syst.* 35; *Bl. Enum. Add.* *Id. Fl. Jav.* 23, t. 5; *Desv. Prod.* 208; *Link. Fil. Sp.* 149; *Fée, Acrost.* 30; *Id. Gen. Fil.* 43; *Lowe, Ferns* vii. t. 44.

*Acrostichum* latifolium, *Sw. Schrad. Journ.* 1801, i. 273, (non Syn. Fil.)

*Acrostichum* oblongum, *Desv. Berl. Mag.* v. 308; *Id. Journ. Bot.* i. 271; *Id. Prod.* 208; *Poir. Enc. Supp.* v. 533.

*Olfersia conformis*, Presl, Tent. Pter. 224; Pappé et Eaws. Syn. Fil. Afr. Aust. 44.

—*β. angustatum*.—South Africa (Zeyher 226, 4604; Burchell 479; Krauss 739); Tristan d'Acunha; Mexico (Seem. 1939).

*Acrostichum angustatum*, Schrad. Goett. gel. Aus. 1813, 915; Schlecht. Adumb. l. 14, t. 5; Spreng. Syst. 35; Kze. Lin. x. 494.

*Acrostichum conforme*, *β. Schraderi*, Fée, Acrost. 31; Id. Gen. Fil. 43.

*Acrostichum conforme*, *β. angustum*, Kze. Lin. x. 496; Fée, Acrost. 31; Id. Gen. Fil. 43.

*Drymoglossum acrostichoides*, Moore, Synops. p. xxxi, et ante p. 343.

*Olfersia angustata*, Presl, Tent. Pter. 224; Pappé et Eaws. Syn. Fil. Afr. Aust. 44.

*Vittaria acrostichoides*,\* Hook. et Grev. Icon. Fil. t. 186 (specim. abnorm.); Fée, Vitt. 24; Id. Gen. Fil. 86; Kze. Lin. x. 523; Pappé et Eaws. Syn. Fil. Afr. Aust. 53.

—*γ. glandulosum*, M.—St. Helena; South Africa (Sieb. 256).

*Acrostichum glandulosum*, Carm. MS.: Hook. et Grev. Icon. Fil. t. 3; Fée, Acrost. 31; Id. Gen. Fil. 43; Kze. Lin. xliii. 213.

*Acrostichum tabulare*, Carm. MS.: Hb. Hook.

*conopodium*, M.—? . . . . .

*Acrostichum conopodium*, Hort.; Van. Houtts. Cat. 1858.

*consobrinum*, M. [ante p. 8].—Brazil (Mart. 362).

*Acrostichum consobrinum*, Kze. Flora 1839, i. biobl. 44; Fée, Acrost. 32; Id. Gen. Fil. 43.

*crassinerve*, M. [ante p. 8].—Montevideo, Brazil.

*Acrostichum conforme*, Raddi, Fil. Bras. 4 (excl. syn.); Link, Fil. Sp. 146.

*Acrostichum crassinerve*, Kze. Ind. Fil. Lips. 1845; Id. Lin. xliii. 213; Fée, Acrost. 29; Id. Gen. Fil. 43; Metten. Fil. Lips. 19; Lowe, Ferns vi. t. 57.

*Acrostichum oblongum*, Raddi, Syn. Fil. Bras. 30.

*Acrostichum simplex*, Spreng. Syst. iv. 33; Lodd. Bot. Cat. t. 709.

*crenatum*, M.—Quito: Chimboraza; Equador.

*Acrostichum Féel*, Hook. 2nd Cent. Ferns, t. 92, non Bory.

*crispatum*, Moore.—Elaphoglossum squamipes.

*Cumingii*, M. [ante p. 8].—Philippines (Cuming 193).

*Acrostichum Cumingii*, Fée, Acrost. 34.

*Elaphoglossum obtusifolium*, J. Sm. Hook. Journ. Bot. iii. 401, in part.

*curvans*, M. [ante p. 8].—Peru.

*Acrostichum curvans*, Kze. Lin. ix. 30; Fée, Acrost. 59; Id. Gen. Fil. 43.

*cuspidatum*, M. [Synops. xvi.].—Columbia (Moritz 87),

\* This fern, which from the figure had been referred to *Drymoglossum*, proves on examination of the specimens to be an abnormal *Elaphoglossum*.



Caracas, Venezuela (*Fendl.* 271); Peru: Tarapota (*Spruce* 4638); Brazil; B. Guiana (*Rich. Schomb.* 1216); Mexico (*Schaffn.* (1854) 31); Gaudeloupe.

*Acrostichum cuspidatum*, *Willd. Sp. Pl.* v. 106; *Poir. Enc. Supp.* v. 533; *Desv. Prod.* 209; *Kze. Lin.* ix. 29; *Fée, Acrost.* 57, t. 14, fig. 2; *Id. Gen. Fil.* 43; *Kl. Lin.* xx. 425.

*Olfersia cuspidata*, *Presl, Tent. Pter.* 235.

decoratum, M. [*ante* p. 8].—Peru: Tatanara; B. Guiana (*Rich. Schomb.* 1647); Gaudeloupe (*L. Herm.* 13.)

*Acrostichum decoratum*, *Kze. Lin.* ix. 25; *Id. Anal. Pter.* 9, t. 6; *Fée, Acrost.* 27, t. 22 (anal.); *Id. Gen. Fil.* 43; *Kl. Lin.* xx. 418; *Matten. Fil. Lechl.* fasc. ii. 5.

*Olfersia decorata*, *Presl, Tent. Pter.* 235.

decurrens, M. [*ante* p. 8].—India: Neilgherries; Java; Philippines (*Osunning* 144: 193 Hb. Heward, non Hook.); Feejee Islands.

*Acrostichum decurrens*, *Desv. Berl. Mag.* v. 310; *Id. Journ. Bot. App.* i. 172; *Id. Prod.* 210; *Poir. Enc. Supp.* v. 533; *Bl. Enum.* 102 (excl. syn. Spreng.); *Id. Fl. Jav.* 32, t. 10; *Fée, Acrost.* 34; *Id. Gen. Fil.* 43; *Kze. Lin.* xxiv. 248.

*Acrostichum obtusifolium*, *Bl. Enum. Fil.* 102; *Id. Fl. Jav.* 31 (non Willd.)

*Acrostichum ophioglossoides*, *Goldm. Nov. Act. N. C.* xix. supp. 451; *Fée, Gen. Fil.* 43.

*Elaphoglossum obtusifolium*, *J. Sm. Hook. Journ. Bot.* iii. 401, in part; *Brack. U.S. Expl. Exped.* xvi. 72.

*Olfersia Blumeana*, *Presl, Tent. Pter.* 235.

*Olfersia decurrens*, *Presl, Tent. Pter.* 235.

didynamum, M. [*ante* p. 8].—Bourbon.

*Acrostichum didynamum*, *Fée, Acrost.* 57, t. 16, fig. 2; *Id. Gen. Fil.* 43.

dimorphum, M. [*ante* p. 8].—St. Helena.

*Acrostichum dimorphum*, *Hook. et Grev. Icon. Fil.* t. 145; *Fée, Acrost.* 40; *Id. Gen. Fil.* 43; *Hook. 2nd Cent. Ferns*, t. 90 (good).

*Anogramma?* *paradoxa*, *Fée, Gen. Fil.* 184 (as far as regards the syn. Hook. et Grev.)

*Olfersia dimorpha*, *Presl, Tent. Pter.* 235.

dissimile, M. [*ante* p. 8].—Peru; Mexico.

*Acrostichum dissimile*, *Kze. Lin.* ix. 28; *Fée, Acrost.* 44; *Id. Gen. Fil.* 43.

*Olfersia dissimilis*, *Presl, Tent. Pter.* 234.

durum, M. [*ante* p. 9].—Brazil (*Regn.* ii. 337).

*Acrostichum durum*, *Kze. Lin.* xxii. 575.

*Acrostichum pachyphyllum*, *Mart. Hb.* ?—f. *Kze.*

*Dombeyanum*, Hort.—*Elaphoglossum perelegans*.

ellipticum, M. [*ante* p. 9].—Mauritius.

*Acrostichum ellipticum*, *Fée, Acrost.* 30, t. 4; *Id. Gen. Fil.* 43.

*Acrostichum latifolium*, *Sieb. Syn. Fil.* 26, in part—f. *Fée.*

elongatum, M. [*ante* p. 9].—Peru.

*Acrostichum elongatum*, *Kze. Lin.* ix. 31; *Fée, Acrost.* 58; *Id. Gen. Fil.* 43.

*ericeum*, Bory Hb.—*Elaphoglossum erinaceum*.

*erinaceum*, M. [*ante* p. 9].—Brazil; Peru (*Mathews* 50); Columbia (*Moritz* 85), Venezuela (*Fendler* 264), New Grenada (*Lind.* 1495); Quito (*Cav.: Jameson* 312); Surinam (*Hostm.* 1082); Mexico (*Schaffn.* (1854) 80); Guatemala; Guadeloupe.

*Elaphoglossum ericeum*, Bory Hb.—f. *Fée*.

*Elaphoglossum hybridum*, *Brack. U.S. Expl. Exped.* xvi. 69 (excl. syn. Bory et Baddi.)

*Acrostichum erinaceum*, *Fée, Acrost.* 41; *Id. Gen. Fil.* 43; *Kl. Lin.* xx. 420.

† *Acrostichum fimbriatum*, *Cav. Ann. Hist. Nat.* i. 1028; *Sw. Syn. Fil.* 11; *Willd. Sp. Pl.* v. 101; *Poir. Enc. Suppl.* i. 119; *Spreng. Syst.* 33; *Desv. Prod.* 209.

*Acrostichum hybridum*, *Hook. et Grev. Icon. Fil.* t. 21 (excl. syn.)—f. *Fée*; *Kze. Lin.* xviii. 309; † *Gaud. Frey. Voy.* 303.

*Acrostichum L'Herminieri*, Bory MS.—f. *Kze.*

*erythrolepis*, M. [*ante* p. 9].—Peru.

*Acrostichum erythrolepis*, *Fée, Acrost.* 60; *Id. Gen. Fil.* 43.

*falcatum*, M. [*ante* p. 9].—Bourbon.

*Acrostichum falcatum*, *Fée, Acrost.* 44, t. 21. fig. 1; *Id. Gen. Fil.* 43.

*Acrostichum Sellowianum*, *Kl. Hb. Bor.*—f. *Fée* in litt.

*Féei*, M. [*Synops.* xvi.]—Guadeloupe; Dominica.

*Acrostichum Féei*, Bory Hb.; *Fée, Acrost.* 48, t. 18, fig. 2; *Id. Gen. Fil.* 43.

*feejeense*, *Brack. U.S. Expl. Exped.* xvi. 72.—Feejee Islands.

*ferrugineum*, M. [*ante* p. 9].—? . . . . .

*Acrostichum ferrugineum*, *Lind. Cat.* 1856.

*fimbriatum*, M.—Mexico.

*Acrostichum nitidum*, *Liebm. Mez. Bregm.* 16.

*flaccidum*, M.—W. Indies: Guadeloupe, Martinique, Cuba (*Lind.* 2058), Trinidad; Corrientes (*Seem.* 1000); British Guiana (*Rob. Schomb.* 448).

*Elaphoglossum simplex*, *J. Sm. Hook. Lond. Journ. Bot.* i. 193.

*Acrostichum flaccidum*, *Fée, Acrost.* 35, t. 7; *Id. Gen. Fil.* 43; *Kl. Lin.* xx. 420.

*Acrostichum oxyphyllum*, *Kze. in litt.*—ex. J. Sm.

*Fonki*, M.—Chili.

*Acrostichum Fonki*, *Philippi, Lin.* xxix. 104.

*frigidum*, J. Sm.—*Elaphoglossum perelegans*.

*Funckii*, M. [*ante* p. 9].—Cumana (*Funck* 642; *Fendl.* 429).

*Acrostichum Funckii*, *Fée, Acrost.* 36, t. 6, fig. 1; *Id. Gen. Fil.* 43.

—*β. acuta*, *Kl. Lin.* xx. 418.—Columbia (*Moritz* 128).

[*Gen. 68. Sp.* 1488.]

**Gardnerianum**, M. [*Synops.* xvi].—Brazil (*Gardn.* 98).

*Acrostichum Gardnerianum*, *Kze. Hb.*; *Fée. Acrost.* 55, t. 15, fig. 3; *Id. Gen. Fil.* 43.

**Gayanum**, M. [*ante* p. 10].—S. Chili; Columbia (*Moritz* 383); Peru.

*Acrostichum Gayanum*, *Fée. Acrost.* 37, t. 19, fig. 2; *Id. Gen. Fil.* 43; *Sturm, En. Chil.* 10; *Gay, Chil.* vi. 475.

*Acrostichum nudum*, *Kze. Hb.*; *Cl. Lin.* xx. 422.—f. *Fée* in litt.

**glabellum**, J. Sm.—*Elaphoglossum martinicense*.

**glabratum**, M.—New Caledonia (*Visillard* 1535, 1594 in part.)

*Acrostichum glabratum*, *Metten. Ann. des Sc. Nat. Bot.* 4 ser. xv. 55.

**glaucum**, M. [*ante* p. 10].—Mexico (*Schaffn.* (1854) 16).

*Acrostichum glaucum*, *Fée. Cat. lith. Foug. Mex.* 1; *Id. Iconogr. Nouv.* 67,

**gorgoneum**, M. [*ante* p. 10].—Owahu.

*Acrostichum gorgoneum*, *Klfs. Enum.* 63; *Spreng. Syst.* 34; *Fée. Acrost.* 38; *Id. Gen. Fil.* 43.

*Olfersia gorgonea*, *Presl, Tent. Pter.* 235. (See *Olfersia obtusa*).

**gratum**, M. [*ante* p. 10].—Mexico (*Schaffn.* (1855) 279, 322 a, b.)

*Acrostichum gratum*, *Fée. Cat. lith. Foug. Mex.* 1; *Id. Iconogr. Nouv.* 69.

**guatemalense**, *Moore, Cat. Parker* 1858.—Guatemala.

*Acrostichum guatemalense*, "*Kl.*": *Hort.*

**Hartwegii**, M. [*Synops.* xvi].—Quito (*Jameson* 14); Po-  
ayan; N. Grenada (*F. et Schl.* 1464); Bogota (*Hartw.*  
1485, p. 1486); Mexico (*Galeotti* 6265).

*Acrostichum Hartwegii*, *Fée. Acrost.* 53, t. 9, fig. 2; *Id. Gen. Fil.* 43.

*Acrostichum muscosum*, *M. et Gal. Foug. Mex.* 22.

**Herminieri**, M. [*Synops.* xvi].—Guadeloupe (*Herm.* 13);

Cuba (*Wright* 971); Panama (*Hayes* 23); Bahia; B.  
Guiana (*Rich. Schomb.* 242; *Appun.* 187); F. Guiana.

*Acrostichum Herminieri*, *Bory: Fée. Acrost.* 43, t. 11; *Id. Gen. Fil.*  
43; *Cl. Lin.* xx. 421.

**heterolepis**, M. [*ante* p. 10].—Bourbon; Mauritius (*Sieb. Fl.*  
*Mist.* 281 in part—f. *Fée.*)

*Acrostichum heterolepis*, *Fée. Acrost.* 56, t. 15, fig. 1 (excl. syn. *Presl*);  
*Id. Gen. Fil.* 43.

*Acrostichum vestitum*, *Ham. Hb.*: *Wall. Cat.* 2164.

**heteromorphum**, M. [*ante* p. 10].—Quito (*Hartw.* 1525;  
*Jameson* 615); Columbia.

*Acrostichum heteromorphum*, *Cl. Lin.* xx. 424; *Fée. Gen. Fil.* 43.

**horridulum**, J. Sm.—*Elaphoglossum piloselloides*.

[*Gen.* 66. Sp. 1469.]

hybridum, M. [*ante* p. 10].—Bourbon; Mauritius (*Sieb.* 27); Fernando Po; Tristan d'Acunha; S. Africa; Peru (*Lechl.* 2007); Vera Cruz.

*Acrostichum ciliare*, *Pet. Thours, Fl. Tristan d'Acunh.* 32; *Carm. Lin. Trans.* xii. 510—*f. Fée.*

*Acrostichum ciliatum*, *Desv. Berl. Mag.* v. 310; *Id. Journ. Bot.* 1813, 273 (excl. syn. *Pet. Thours—f. Klfa.*); *Id. Prod.* 209—*f. spec. auth. Hb. Grev. (P. N. F.)*

*Acrostichum Hubertianum*, *Bory Hb. : Fée, Acrost.* 40.

*Acrostichum hybridum*, *Bory, Voy. Mer. & Afrig.* iii. 96; *Sw. Syn. Fil.* 11; *Willd. Sp. Pl.* v. 107; *Poir. Enc. Suppl.* i. 118; *Spreng. Syst.* 35; *Desv. Prod.* 209; *Wall. Cat.* 13; *Hook. et Grev. Icon. Fil.* t. 21; *Liebm. Mex. Bregn.* 15; *Fée, Acrost.* 40, t. 9, fig. 4; *Id. Gen. Fil.* 43; *Mettlen. Fil. Lechl.* 4.

*Acrostichum villosum*, *Sieb. Syn. Fil.* 27—*f. Presl.*

*Olfersia hybrida*, *Presl, Tent. Pter.* 235, t. 10, fig. 13.

—*β. Vulcani*, M.—Bourbon; Ins. Johanna.

*Acrostichum hybridum*, *β. Vulcani*, *Fée, Acrost.* 41, t. 9, fig. 3; *Id. Gen. Fil.* 43.

*hybridum*, Brack.—*Elaphoglossum erinaceum*.

*hystrix*, M. [*ante* p. 10].—Peru; Mexico.

*Acrostichum hystrix*, *Kze. Lin.* ix. 26; *Fée, Acrost.* 43; *Id. Gen. Fil.* 43.

*impressum*, M. [*ante* p. 10].—Martinique.

*Acrostichum impressum*, *Fée, Acrost.* 33, t. 5, fig. 3; *Id. Gen. Fil.* 43.

*intermedium*, Brack. *U.S. Expl. Exped.* xvi. 69.—Brazil; Organ Mountains.

*Jamesoni*, Moore.—*Elaphoglossum piloselloides*.

*Junghuhnianum*, M. [*ante* p. 10].—Java.

*Acrostichum Junghuhnianum* *Kze. Bot. Zeit.* vi. 101, in obs.

*Karstenianum*, M. [*ante* p. 10].—Venezuela.

*Acrostichum Karstenianum*, *Kze. Lin.* xxiii. 214, 298; *Fée, Gen. Fil.* 43; *Mettlen. Fil. Lips.* 19, t. 1, fig. 8, 9.

*laminarioides*, M. [*ante* p. 4].—F. Guiana; Mexico (*Schaffn.* (1854) 32).

*Acrostichum acidophyllum*, *Kze. Hb.—f. Fée.*

*Acrostichum laminarioides*, *Bory MS. : Fée, Acrost.* 57, t. 12; *Id. Gen. Fil.* 43.

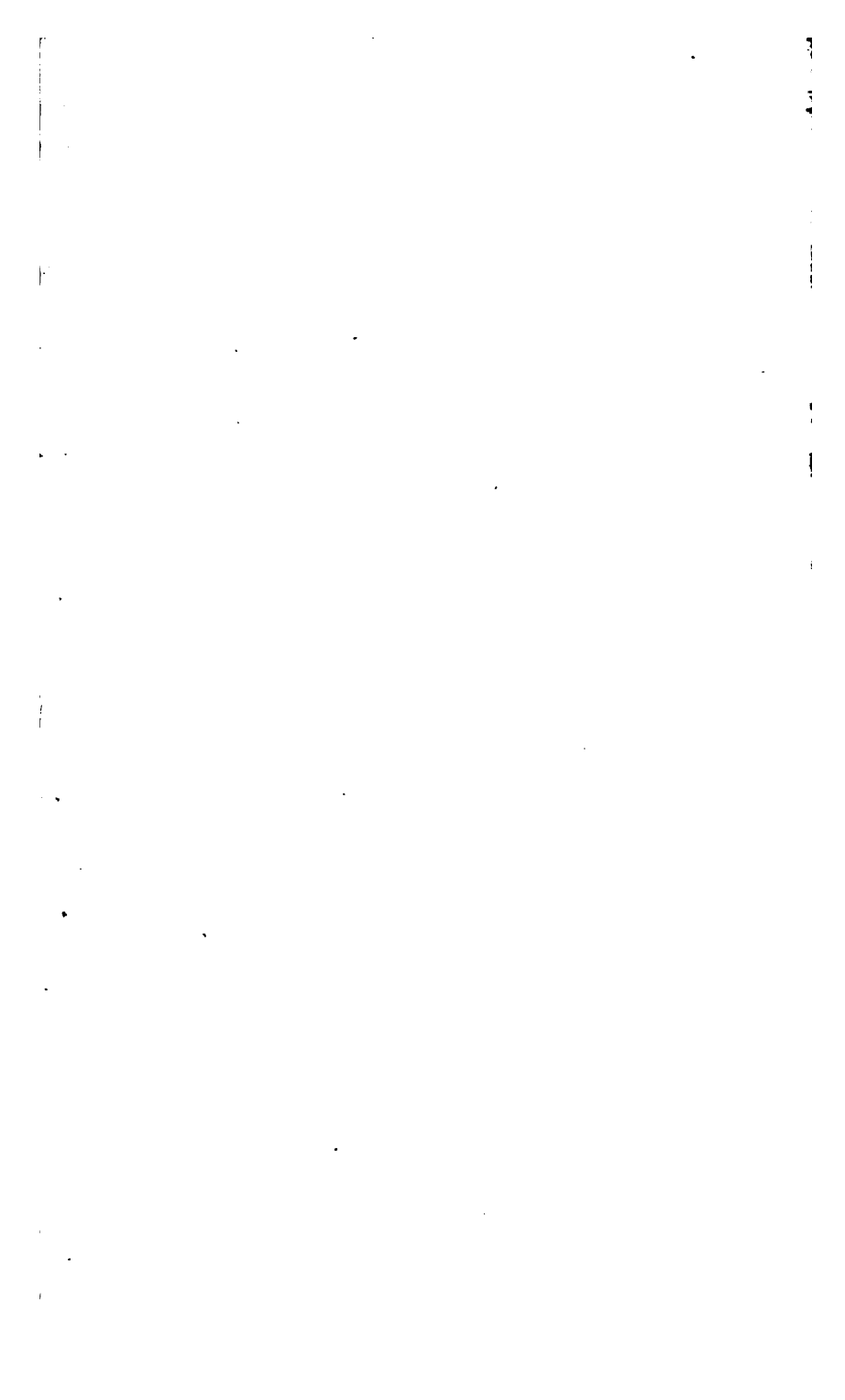
*latifolium*, J. Sm. *Hook. Lond. Journ. Bot.* i. 197, in part; *Id. Cat. Kew Ferns* 3; *Id. Cat. Ferns* 25.—Jamaica, Guadeloupe (*L'Herm.* 10), Dominica, St. Vincent, Cuba (*Wright* 791); Columbia, Venezuela (*Fendl.* 279, dwarf; *F. et Schl.* 832); St. Martha; Peru (*Mathews* 388); Ecuador; B. Guiana (*Rob. Schomb.* 450); Surinam (*Kegel* 1064).

*Elaphoglossum Schomburgkii*, Moore, *ante* p. 14.

[*Gen.* 68. Sp. 1067.]

- Acrostichum latifolium*, Sw. *Fl. Ind. Occ.* iii. 1599; *Id. Syn. Fil.* 9. (non Schrad.); *Willd. Sp. Pl.* v. 105; *Poir. Enc. Suppl.* i. 117; *Spreng. Syst.* 34; *Desv. Prod.* 208; *Hook. Fil. Exot.* i. t. 42.
- Acrostichum longifolium*, Lowe, *Ferns* vii. t. 51.
- Acrostichum pachyphyllum*, Kl. *Lin.* xx. 428; *Eaton, Mem. Acad. Amer. Sc.* n. s. viii. 193.
- Elaphoglossum longifolium*, J. Sm. *Bot. Mag.* 1846, comp. 17; *Id. Cat. Kew Ferns* 3; *Id. Cat. Ferns* 25—f. Hook.
- Acrostichum Schomburgkii*, Fée, *Acrost.* 32, t. 8, fig. 2; *Id. Gen. Fil.* 43; *Kl. Lin.* xx. 419; *Koe. Lin.* xxi. 207.
- latifolium*, J. Sm. in part—*Elaphoglossum alatum*.
- Langsdorffii*, M. [*ante* p. 11].—Brazil (*Gardn.* 94—Hb. Hooker, 5929; *Vauthier* 661); Organ Mountains (*Miers* 15); Ecuador (*Spruce* 5232).
- Acrostichum Langsdorffii*, Hook. et Grev. *Icon. Fil.* t. 164; *Mart. Fil. Bras.* 83, t. 21; *Fée, Acrost.* 56; *Id. Gen. Fil.* 43.
- Olfersia Langsdorffii*, Presl, *Tent. Pter.* 234.
- laurifolium*, M. [*Synops.* xvi.].—Bourbon; St. Helena; Tristan d'Acunha; India: Neilgherries (*Schmid* 65); Ceylon (*Gardn.* 1165, 1310); Java.
- Elaphoglossum angulatum*, Moore, *ante* p. 5.
- Acrostichum angulatum*, Bl. *Enum.* 201; *Id. Fl. Jac.* 25, t. 6; *Fée, Acrost.* 32; *Id. Gen. Fil.* 43; *Koe. Lin.* xxiv. 243.
- Acrostichum conforme*, Carm. *Trans. Lin. Soc.* xli. 510.
- Acrostichum laurifolium*, Pet. *Thouars, Fl. Tristan d'Acunha* 31; *Spreng. Syst.* 35 (excl. syn.); *Fée, Acrost.* 36, t. 7, fig. 1; *Id. Gen. Fil.* 43.
- Olfersia angulata*, Presl, *Tent. Pter.* 234.
- Olfersia laurifolia*, Presl, *Tent. Pter.* 234.
- laurifolium*, Lowe.—*Elaphoglossum stigmatolepis*?
- Lechlerianum*, M. [*ante* p. 11].—Peru (*Lechl.* 2522); ? Bolivia; Brazil; Organ Mountains (*Miers* 11), S. Gabriel (*Spruce* 2187).
- Elaphoglossum Miersii*, Howard MS.
- Acrostichum Lechlerianum*, Metten. *Fil. Lechl.* 2.
- Lepervanchii*, M. [*ante* p. 11].—Bourbon.
- Acrostichum Lepervanchii*, Bory Hb.; *Fée, Acrost.* 37, t. 9, fig. 1; *Id. Gen. Fil.* 43.
- lepidotum*, J. Sm. *Cat. Kew Ferns* 1856; *Id. Cat. Ferns* 26. —Peru; Ecuador (*Spruce* 5662?); Brazil (*Blanch.* 550); Columbia (*Moritz* 323); Venezuela; Merida; Mexico (*Aschenb.* 198).
- Acrostichum Dombeyanum*, Fée, *Acrost.* 59, t. 17, fig. 2; *Id. Gen. Fil.* 43—f. Kl.
- Acrostichum lepidotum*, Willd. *Sp. Pl.* v. 102 (excl. syn. Sw.); *Desv. Prod.* 209; *Fée, Acrost.* 58; *Id. Gen. Fil.* 43; *Kl. Lin.* xx. 426 (excl. syn. Sw.)
- Acrostichum plicatum*, Cav. *Ann. Hist. Nat.* i. 103; *Id. Prolect.* (1801) 239—f. Willd.; *Poir. Enc. Suppl.* i. 130.
- Acrostichum polylepis*, Koe. Hb.—f. Kl.
- Acrostichum squamosum*, Presl, *Ecl. Hant.* i. 14 (excl. syn. Sw.); [*Gen. es. Sp.* 1512.]

- Spreng. Syst.* iv. 33 (non Sw.); *Kze. Lin.* ix. 30; *H. B. K. Nov. Gen.* l. 1, (excl. syn. tectum.—f. Kl.); *Hook. Bot. Misc.* ii. 239.  
*Olfersia lepidota*, *Presl, Tent. Pter.* 233.
- leptophyllum, M. [*ante* p. 11].—Brazil (*Blanch.* 548); Venezuela (*Fendl.* 276, 277).
- Acrostichum leptophyllum, *Fée, Acrost.* 45, t. 17, fig. 41; *Id. Gen. Fil.* 3.
- Liebmanni, M.—Mexico.
- Acrostichum venustum, *Lieb. Mex. Breg.* 16—Hb. Hook.
- Lindeni, M. [*Synops.* xvi.].—Columbia (*Moritz* 124; *Otto* 686); Caracas (*Funck* 556); Quito (*Jameson* 18), Cotopaxi; Mexico (*Galeotti* 6263); Vera Cruz (*Lind.* 52); Brazil (*Gardn.* 5925); Ceylon: Adam's Peak.
- Acrostichum fimbriatum, *Kl. MS.*—f. Kl.  
 Acrostichum Lindeni, *Bory HB.*; *Fée, Acrost.* 48, t. 18, fig. 5; *Id. Gen. Fil.* 43; *Kl. Lin.* xx. 423.
- Lindigii, M.—Columbia.
- Acrostichum Lindigii, *Karst. Fl. Columb.* t. 3.
- lineare, M. [*ante* p. 11].—Brazil: Organ Mountains (*Gardn.* 98, 5927); Bourbon (*Richard* 274).
- Acrostichum lineare, *Fée, Acrost.* 47, t. 15, fig. 2; *Id. Gen. Fil.* 43.  
 Acrostichum oligotrichum, *Kze. HB. Fil. Bras. ined.*—f. Fée.
- Lingua, *Brack. U.S. Expl. Exped.* xvi. 74.—Brazil (*Gardn.* 96, 97, ? 5926), Rio Uapés (*Spruce* 2869), Rio Negro (*Spruce* 2245, 2309), Peru: St. Gavin, Tarapota (*Spruce* 4723); Venezuela (*Fendl.* 285); Quito; Mexico (*Galeotti* 6342); Guadeloupe (*L'Herm.* 11).
- Acrostichum Lingua, *Raddi, Syn. Fil.* 31; *Id. Fil. Bras.* 5, t. 15, fig. 4; *Desv. Prod.* 208; *Kze. Lin.* ix. 27; xxiii. 214; *M. et. Gal. Foug. Mex.* 24; *Fée, Acrost.* 33; *Id. Gen. Fil.* 43; *Lieb. Mex. Breg.* 14; *Metten. Fil. Lechl. fasc.* ii. 5 (p. excl. syn. Fée).  
*Olfersia Lingua*, *Presl, Tent. Pter.* 235.
- linguiforme, M. [*ante* p. 11].—Quito; Peru.
- Acrostichum linguiforme, *Cav. Ann. Hist. Nat.* i. 103; *Id. Praelect.* (1801) 238; *Sw. Syn.* 115; *Poir. Enc. Suppl.* i. 130.
- lloense, M. [*ante* p. 11].—Columbia (*Moritz* 258); Venezuela (*Fendl.* 286); Ecuador; Quito (*Jameson* 10, 47, 315).
- Acrostichum lloense, *Hook. Icon. Pl.* t. 657; *Fée, Gen. Fil.* 43; *Kl. Lin.* xx. 425.
- Olfersia repens*, *Kl. HB.*
- lonchophyllum, M. [*ante* p. 11].—Mexico (*Schaffn.* (1854) 19).
- Acrostichum lonchophyllum, *Fée, Cat. Lith. Foug. Mex.* 1; *Id. Iconogr. Nouv.* 68.
- longifolium, J. Sm.—Elaphoglossum latifolium.
- longipes, *Brack. U. S. Expl. Exped.* xvi. 70, t. 9, fig. 2.—Andes of Peru.
- macropodium, M. [*ante* p. 8].—Bourbon; Mauritius.



## PLATE LXIII.

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### A.

GEN. 109.—**DRYNARIA**, *Bory.* [Synopsis p. lxxviii.]

FIG. 1. Fragment of *DRYNARIA CORONATA*, *J. Sm.*, slightly enlarged.

2. Portion of the same, more enlarged.
  3. Spore-case.
  4. Spores.
- 

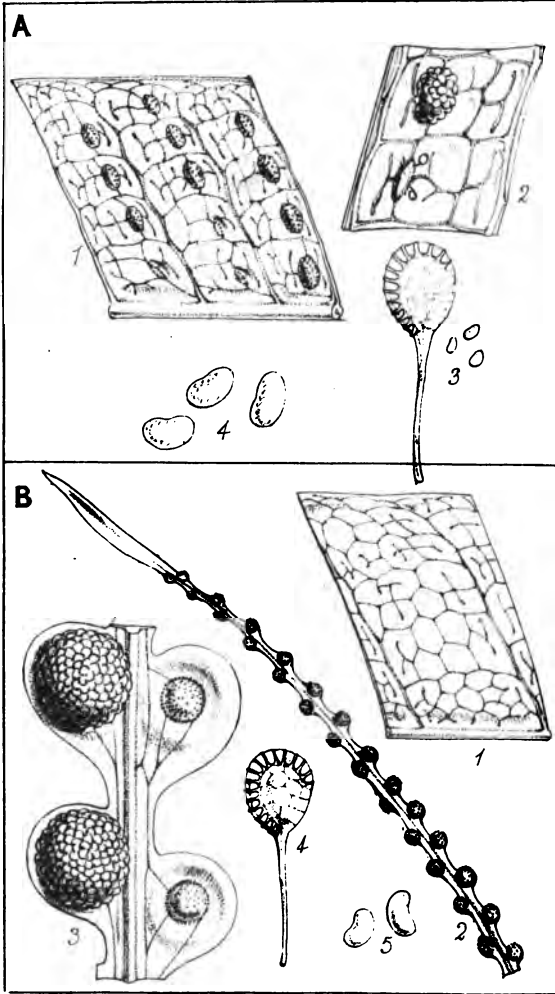
### B.

GEN. 110.—**AGLAOMORPHA**, *Schott.* [Syn. p. lxxix.]

FIG. 1. Fragment of sterile frond of *AGLAOMORPHA MEYENIANA*, *Schott.* (n. s.)

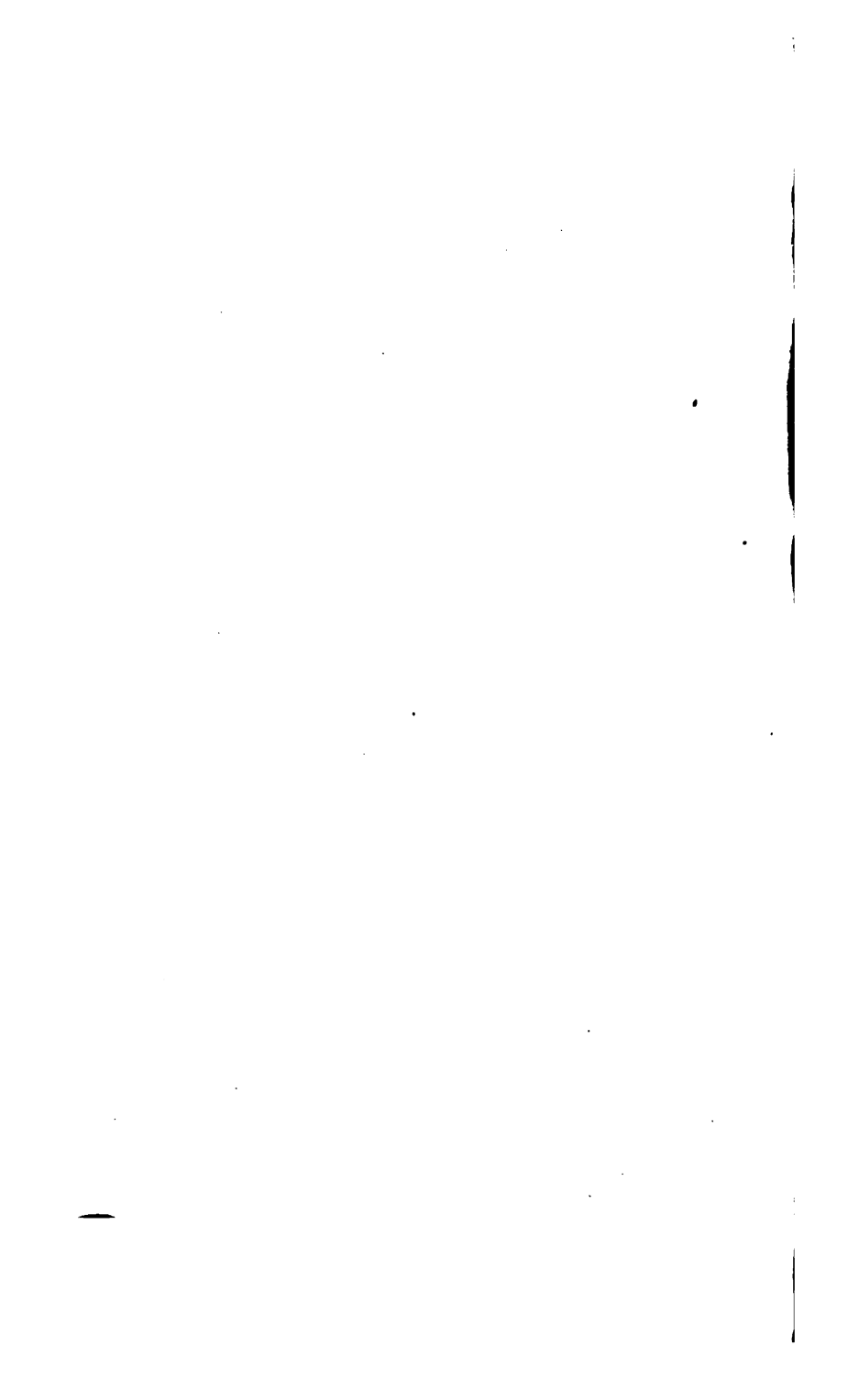
2. Pinna of contracted fertile frond of the same (n. s.)
3. Fragment of the fertile frond, enlarged.
4. Spore-case.
5. Spores.





Fitch, del.

A. *Drynaria* B. *Aglaomorpha*.





## PLATE LXIV.

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### A.

GEN. 111.—**DIPTERIS**, *Reinwardt*. [Synopsis p. lxxix.]

FIG. 1. Fragment of *DIPTERIS CONJUGATA*, *Reinw.* (n. s.)

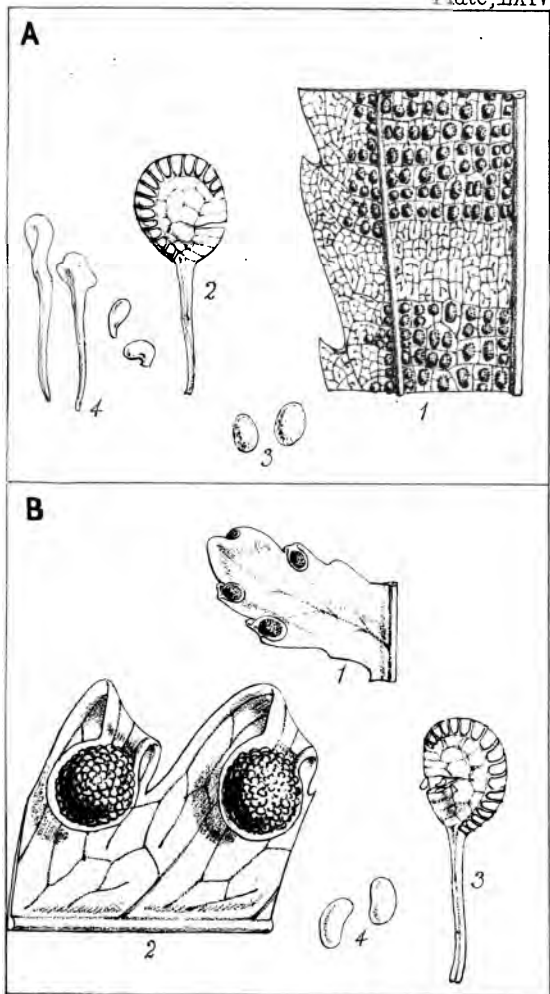
2. Spore-case.
  3. Spores.
  4. Sporangia-stres.
- 

### B

GEN. 112.—**LECANOPTERIS**, *Blume*. [Synopsis p. lxxx.]

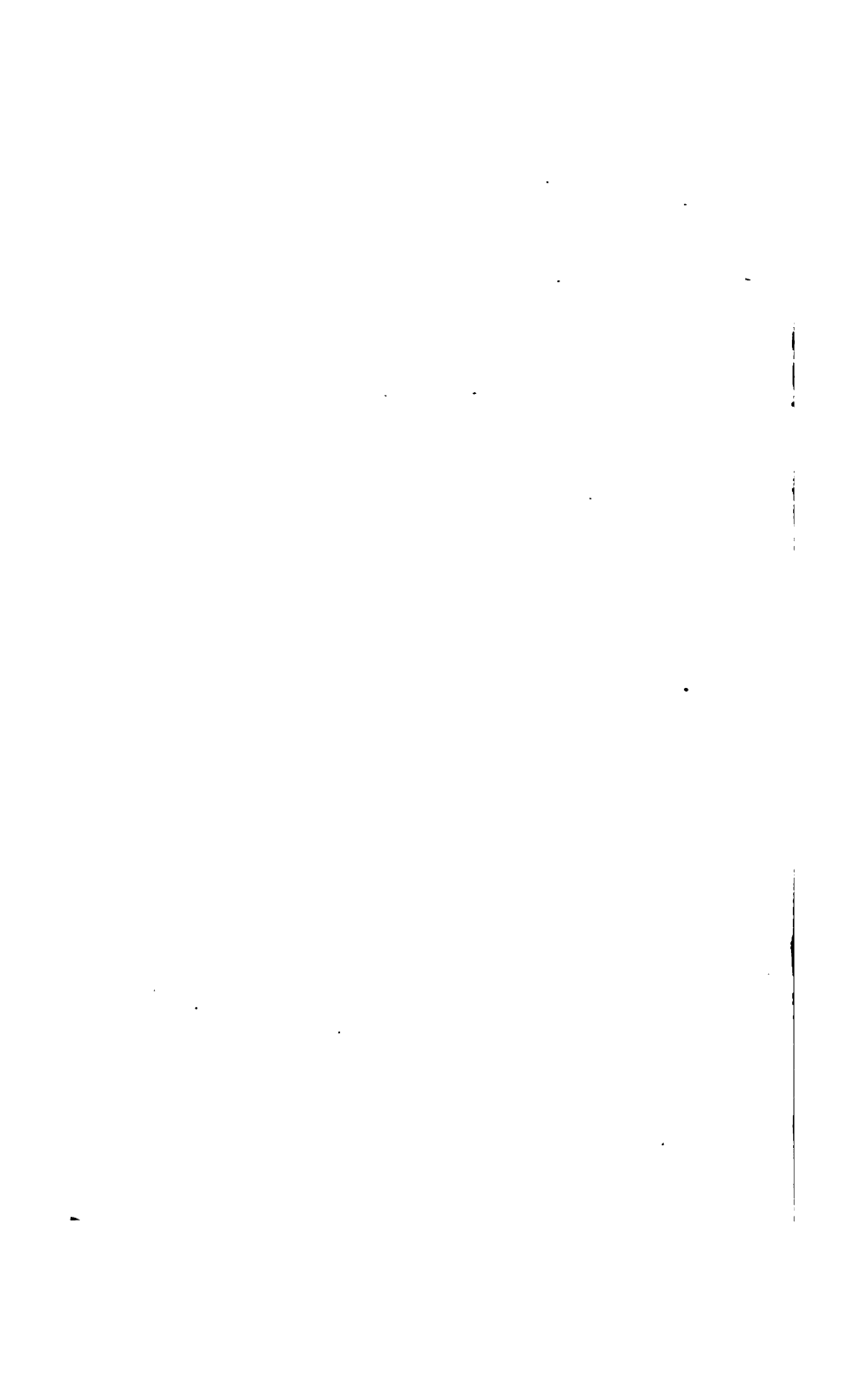
FIG 1. Segment of *LECANOPTERIS CARNOSA*, *Blume* (n. s.)

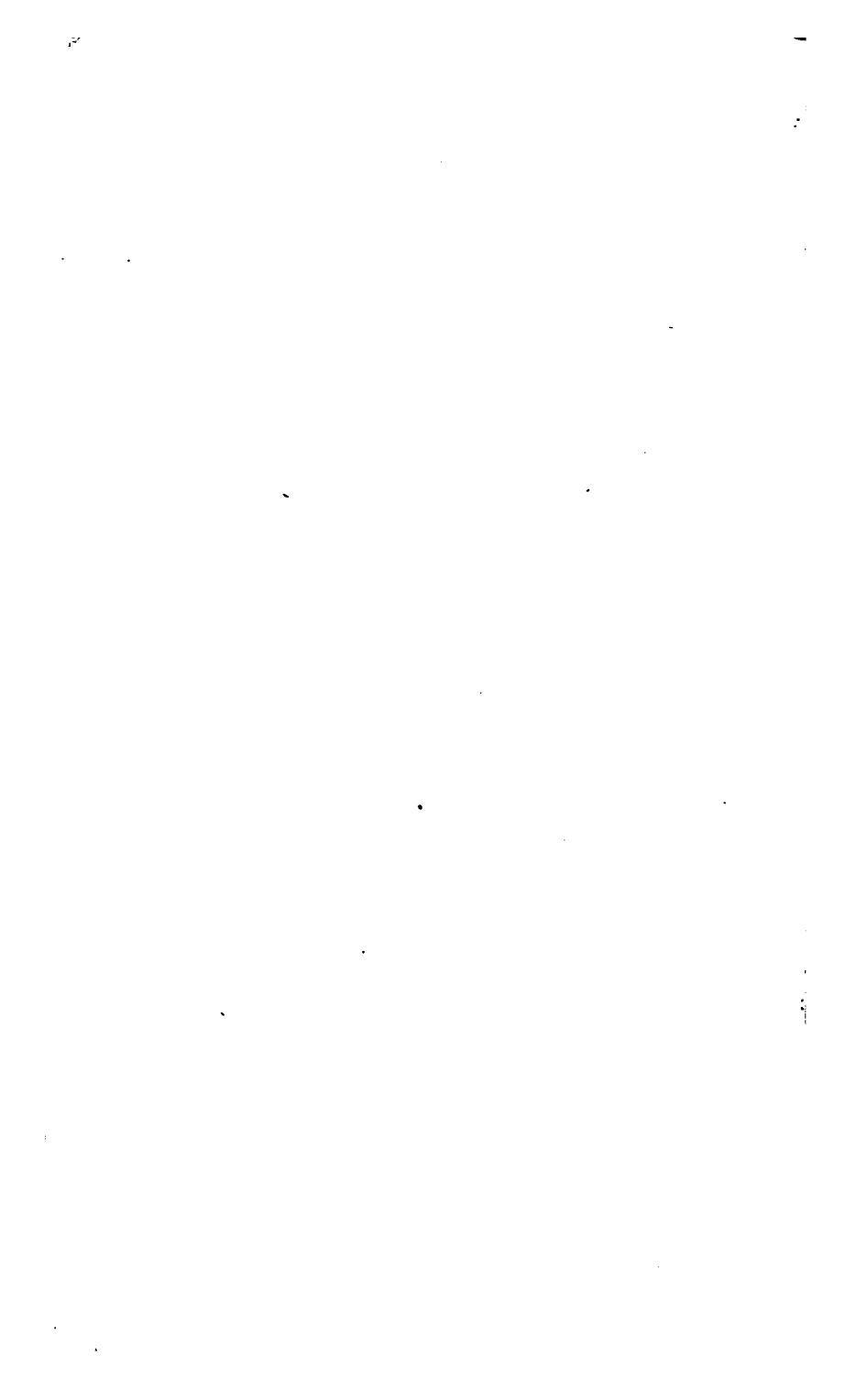
2. Fragment of the same, enlarged, showing the recurved soriferous lobes.
  3. Spore-case.
  4. Spores.
-



Pitch, del.

**A.** *Dipteris*. **B.** *Lecanopteris*.





## PLATE LXV.

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### A.

#### GEN. 113.—**ONOCLEA**, *Linnaeus*. [Synopsis p. lxxxi.]

FIG. 1. Fragment of sterile frond of *ONOCLEA SENSIBILIS*, *Linnaeus*.  
(n. s.)

2. Pinna of fertile frond (n. s.)
  3. Pinnule of the same, enlarged, showing the upper surface.
  4. Pinnule of the same, more enlarged, showing the under surface and sori.
  5. Spore-case.
  6. Spores.
- 

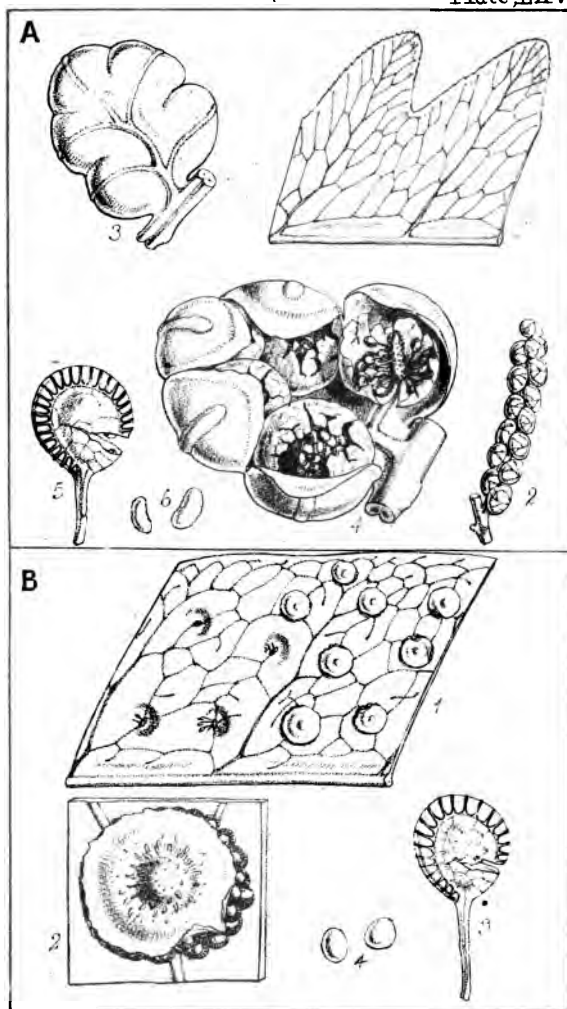
### B.

#### GEN. 114.—**ASPIDIUM**, *Swartz: Schott.* [Syn. p. lxxxi.]

FIG. 1. Fragment of *ASPIDIUM TRIPOLIATUM*, *Sw.* (n. s.)

2. A small portion, considerably enlarged, showing a sorus with indusium.
3. Spore-case.
4. Spores.

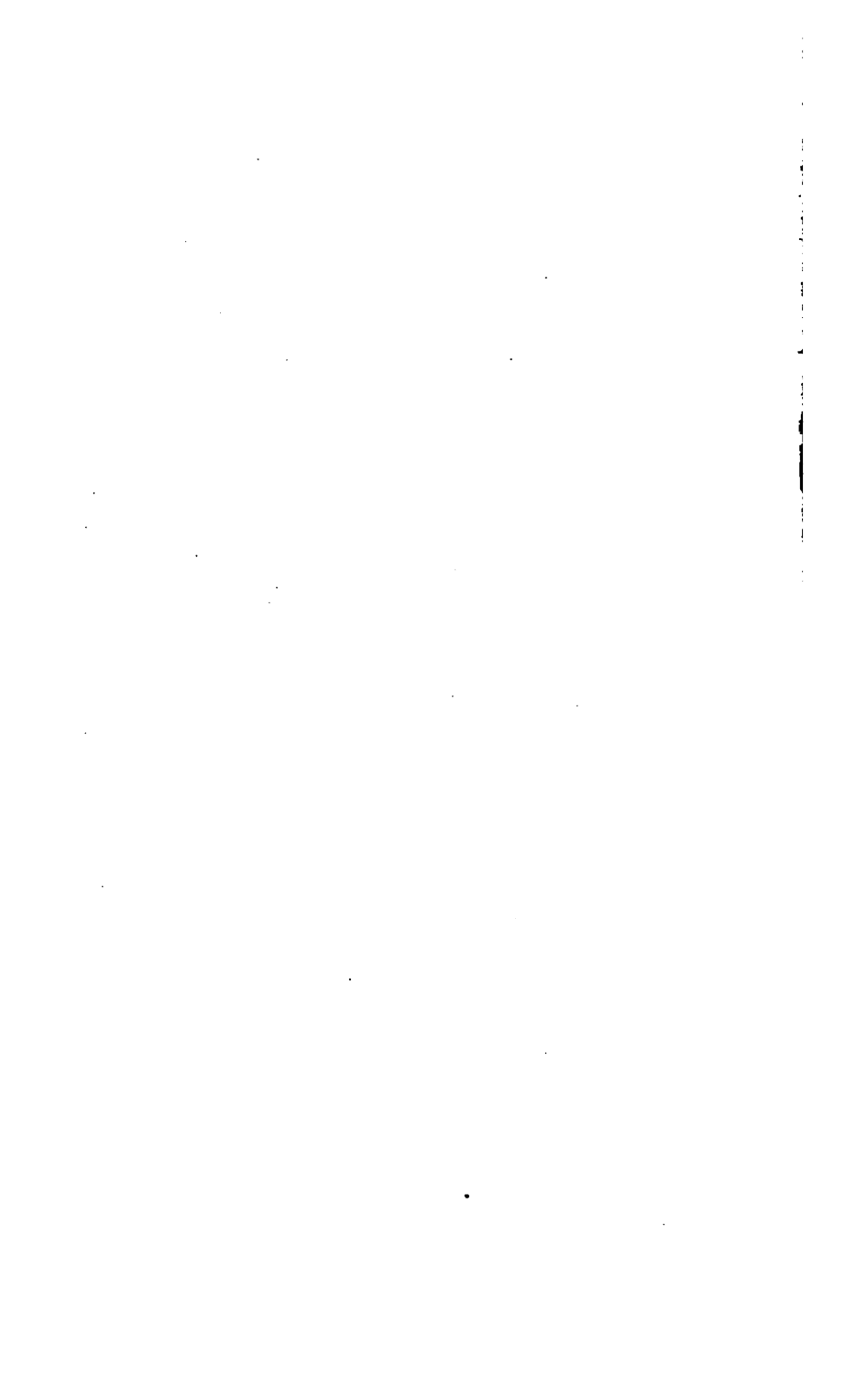




Fisch. Del.

A. Onoclea B. Aspidium.





## PLATE LXVI.

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GEN. 115.—**CYRTOMIUM**, *Presl.* [Synopsis p. lxxxii.]

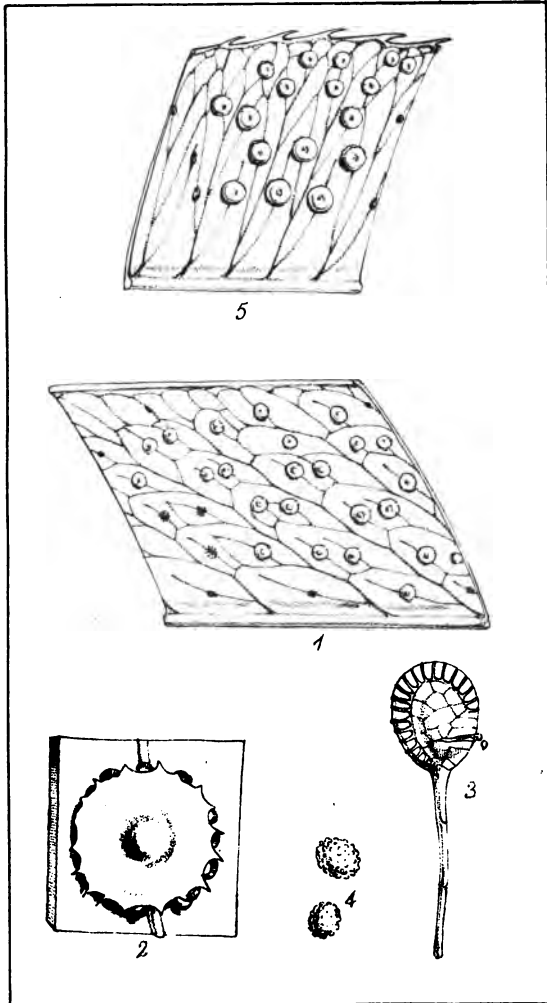
FIG. 1. Fragment of **CYRTOMIUM FALCATUM**, *Presl.*

2. A small portion, considerably enlarged, showing a sorus  
with indusium.

3. Spore-case.

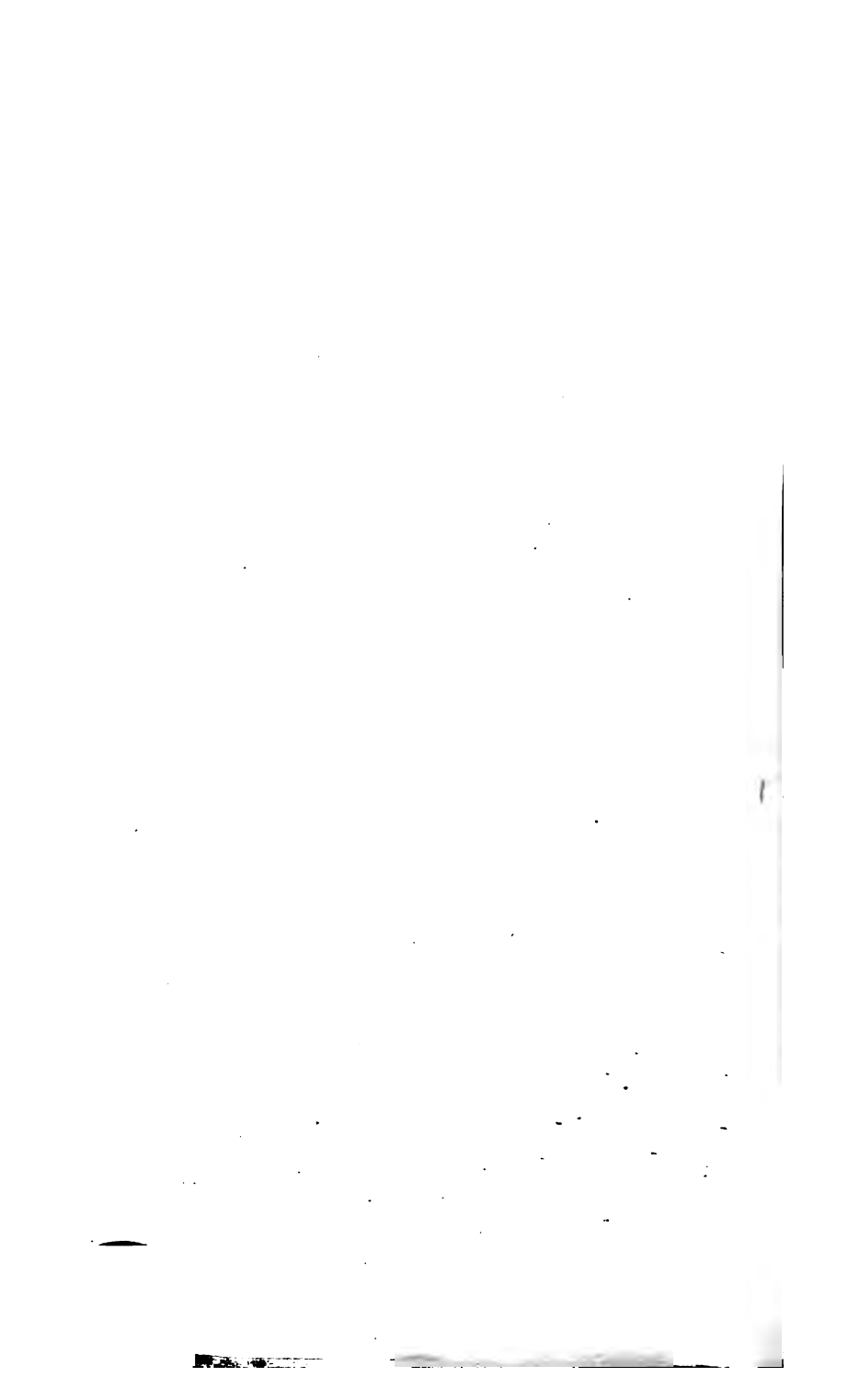
4. Spores.

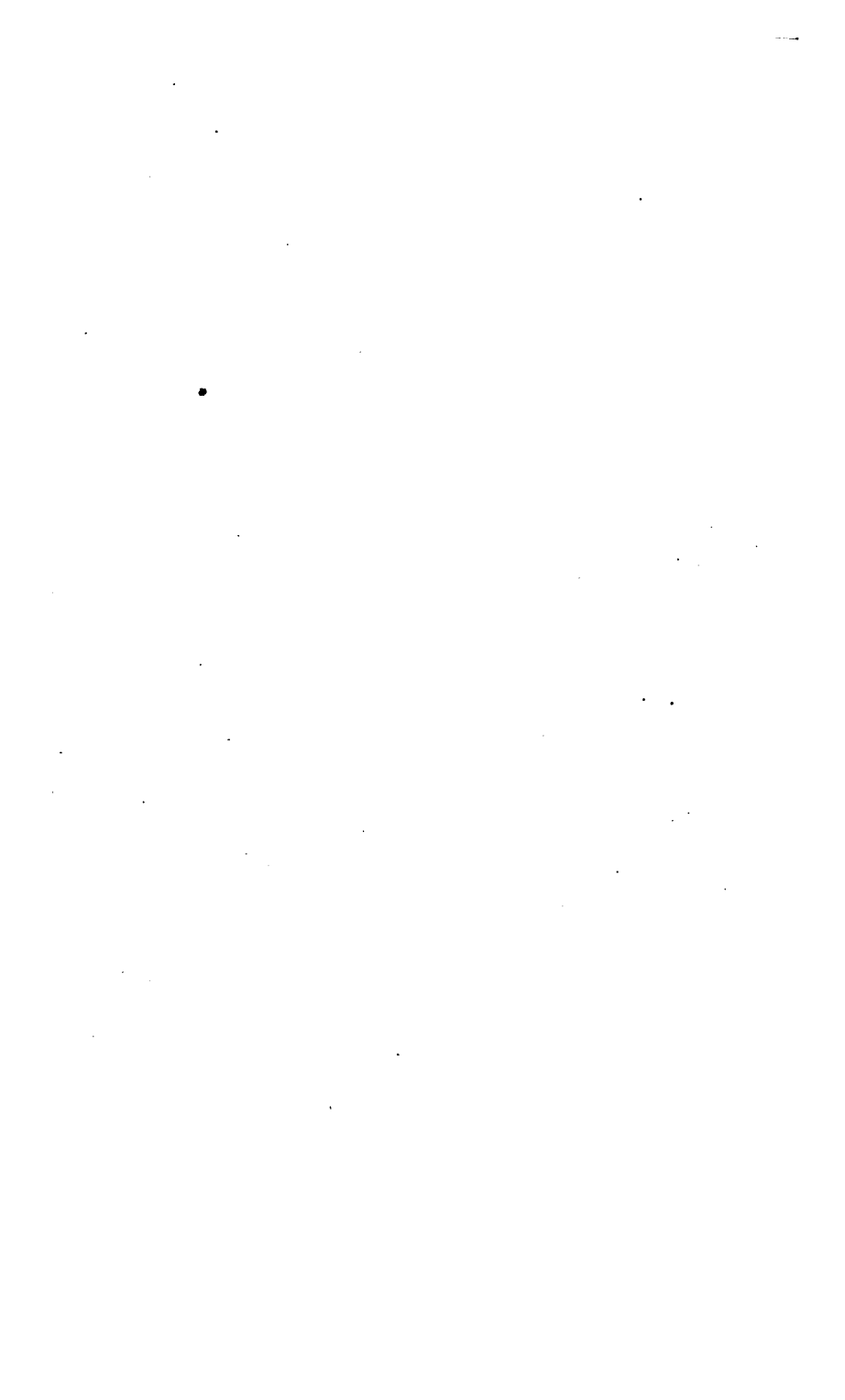
5. Fragment of **CYRTOMIUM NOBILE**, *Moore.*



Fitch del.

Cyrtomium.





## PLATE LXVII.

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### A.

GEN 116.—**CYCLODIUM**, *Presl.* [Synopsis p. lxxxiii.]

FIG. 1. Fragment of sterile frond of **CYCLODIUM CONFERTUM**,  
*Presl.* (n. s.)

2. Fragment of fertile frond of the same.
  3. Portion of fertile frond, more enlarged, showing sorus  
with indusium.
  4. Spore-case.
  5. Spores.
- 

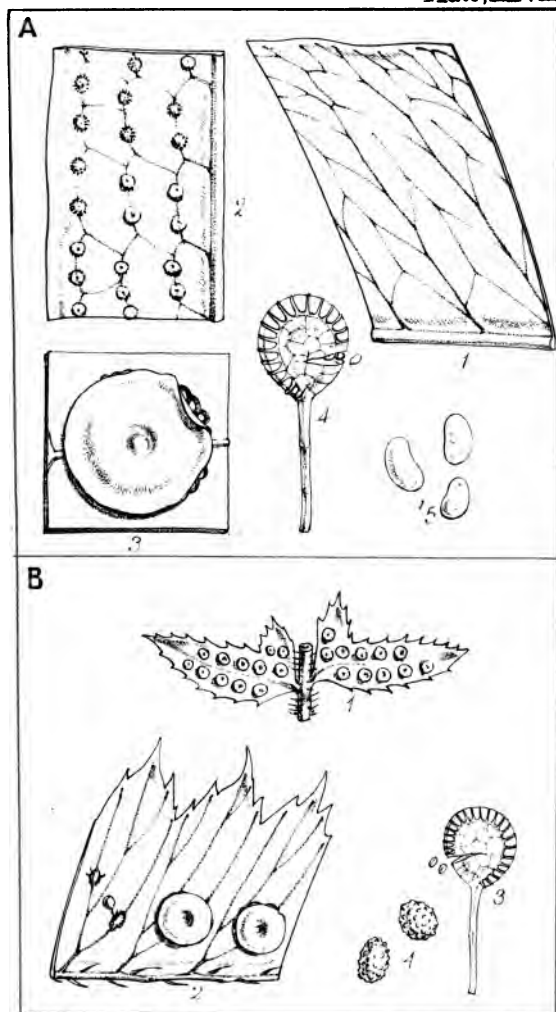
### B.

GEN. 117.—**POLYSTICHUM**, *Roth: Schott.* [Synopsis  
p. lxxxiii.]

FIG. 1. Small pinna of **POLYSTICHUM LONGICHA**, *Roth.* (n. s.)

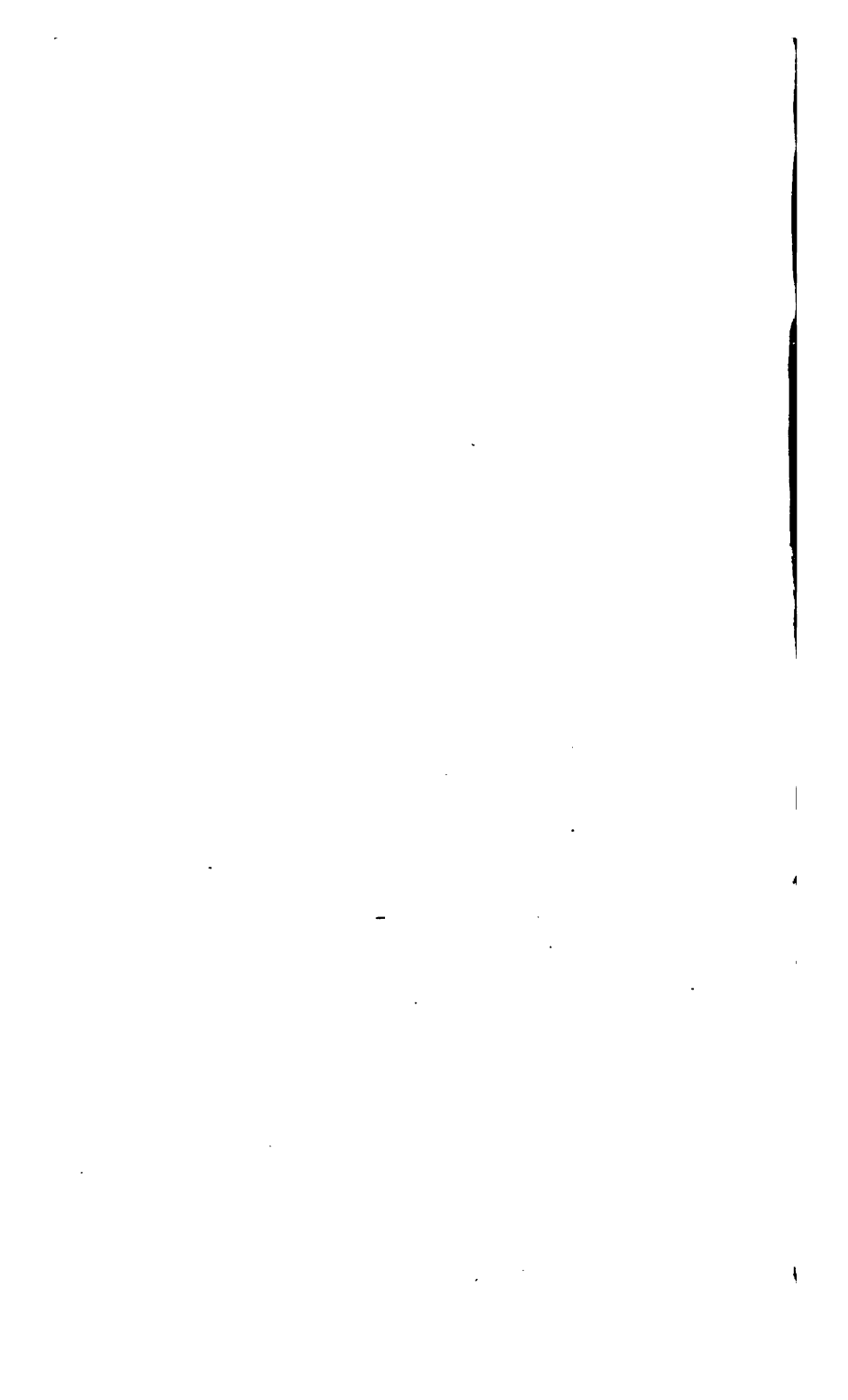
2. Fragment of the same enlarged, showing the veins,  
receptacles, and sori with indusia.
3. Spore-case.
4. Spores.





Fitch, del.

**A.** *Cyclodium*. **B.** *Polystichum*.



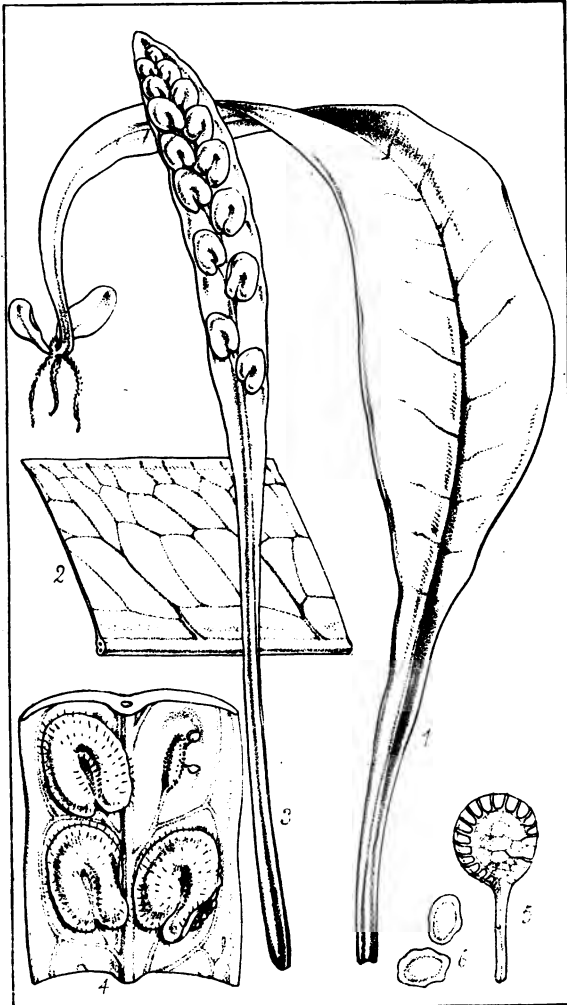


## PLATE LXVIII.

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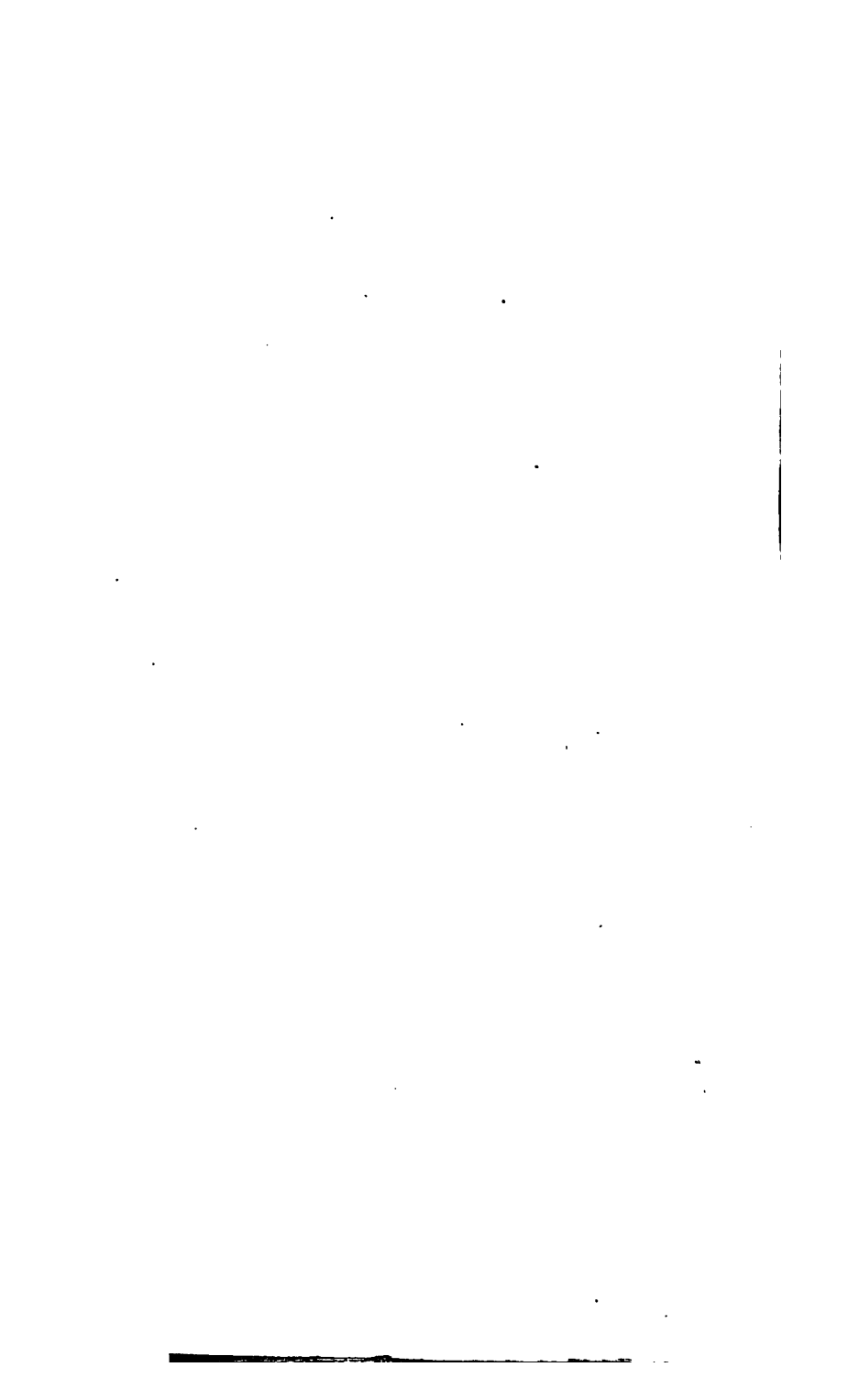
GEN. 118.—**FADYENIA**, *Hooker*. [Synops. p. lxxxiv.]

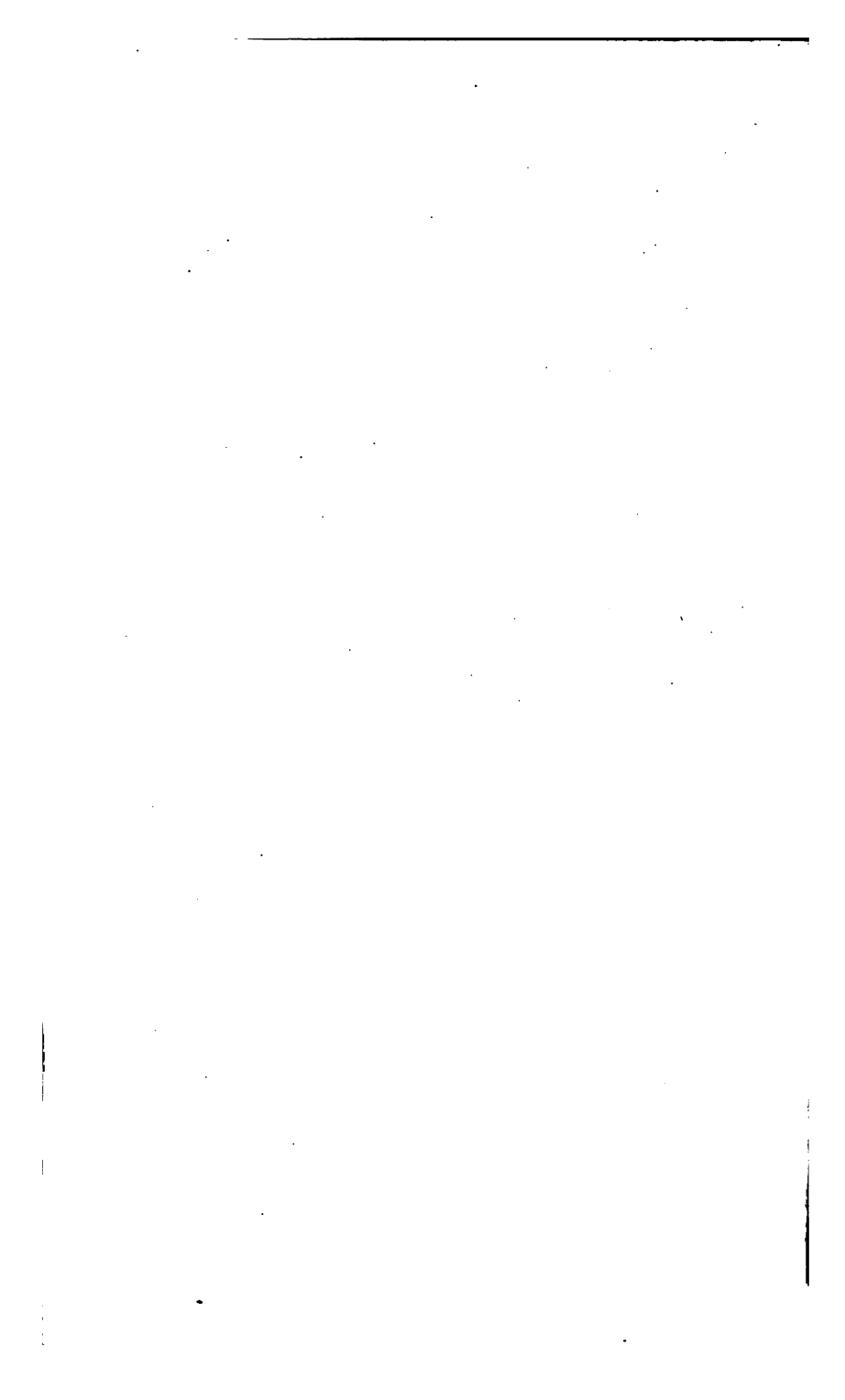
- FIG. 1. Sterile frond of *FADYENIA PROLIFERA*, *Hook.* (n. s.)  
2. Fragment of the same, enlarged, showing the venation.  
3. Fertile frond of the same (n. s.)  
4. Fragment of fertile frond, showing the veins, receptacles,  
sori, and indusia.  
5. Spore-case.  
6. Spores.



Fitch, del.

*Fadyenia.*





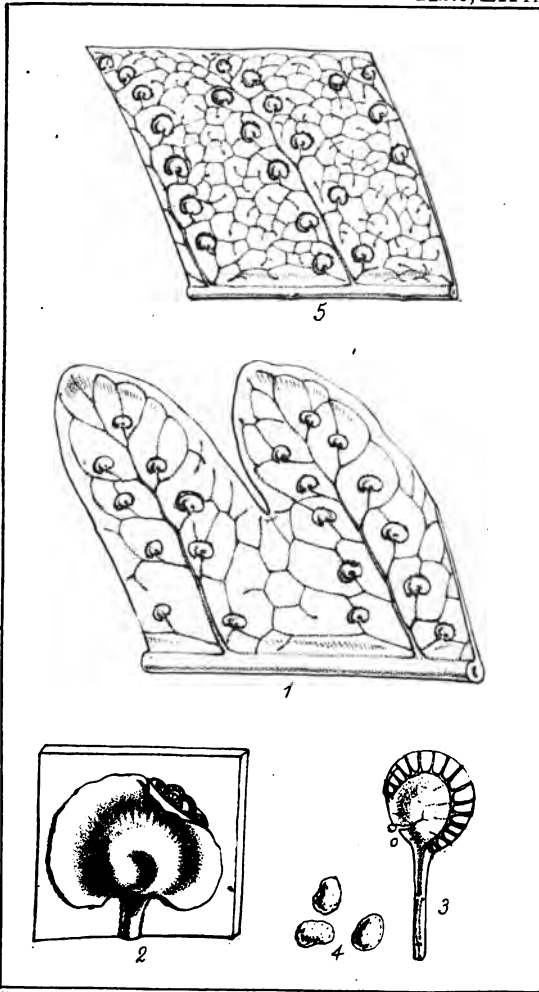
# PLATE LXIX.

GEN. 119.—**SAGENIA**, Presl. [Synopsis p. lxxxv.]

FIG. 1. Segment of *SAGENIA COADNATA* J. Sm.

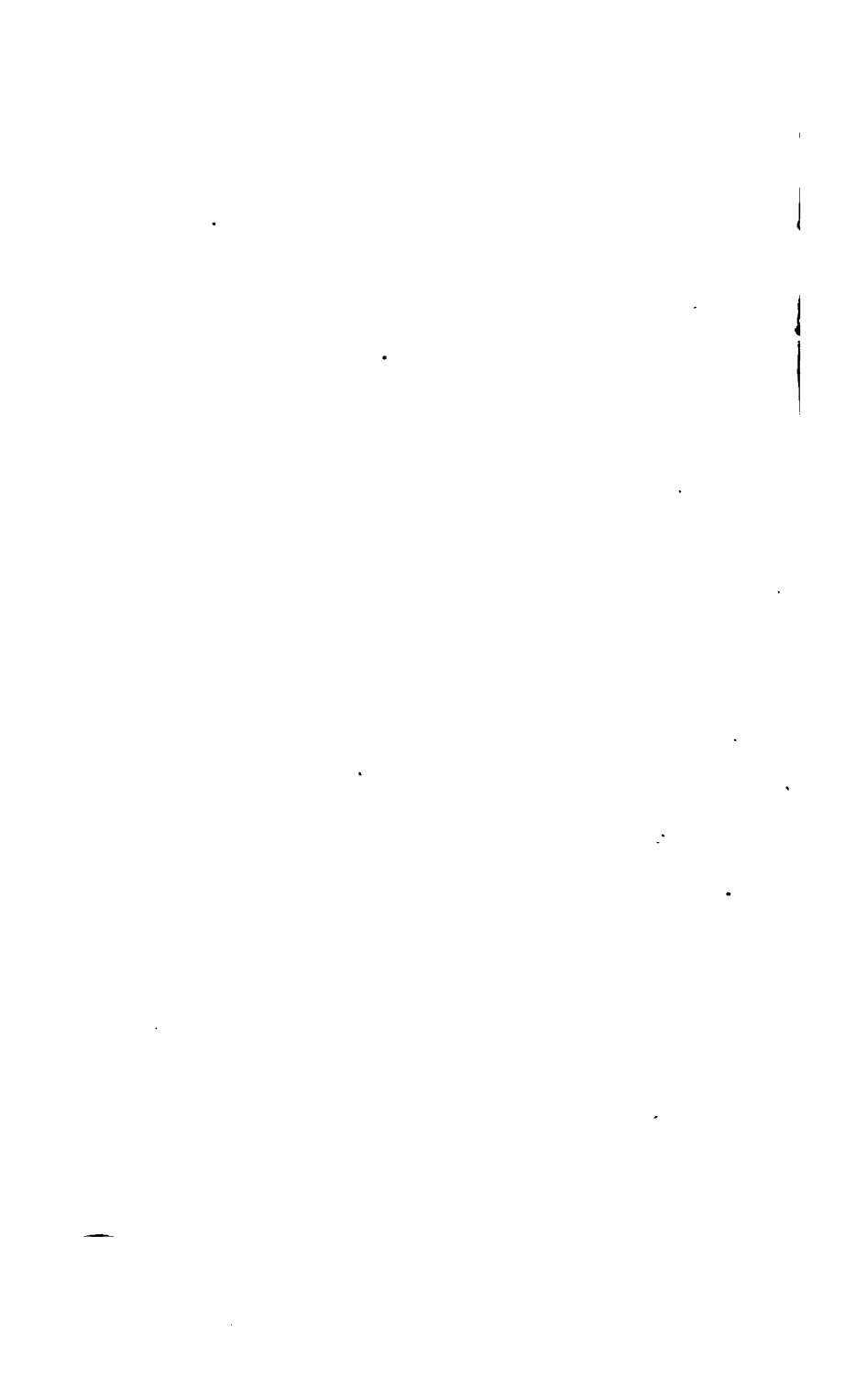
2. Portion of the same, enlarged, showing a sorus with indusium.
3. Spore-case.
4. Spores.
5. Fragment of *SAGENIA MACROPHYLLA*, Moore.





Fitch, del.

Sagenia.





## PLATE LXX.

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### A.

GEN. 120.—**PLEOCNEMIA**, *Presl.* [Synopsis p. lxxxvi.]

FIG. 1. Segment of **PLEOCNEMIA LEUKMANA**, *Presl.* (n. s.)

2. The same enlarged, showing the venation.

3. A portion, more enlarged, showing a sorus with indusium.

4. Spore-case.

5. Spores.

6. Clavate sporangiastrae.

---

### B.

GEN. 121.—**NEPHRODIUM**, *Richard : Schott.* [Synopsis.  
p. lxxxvii.]

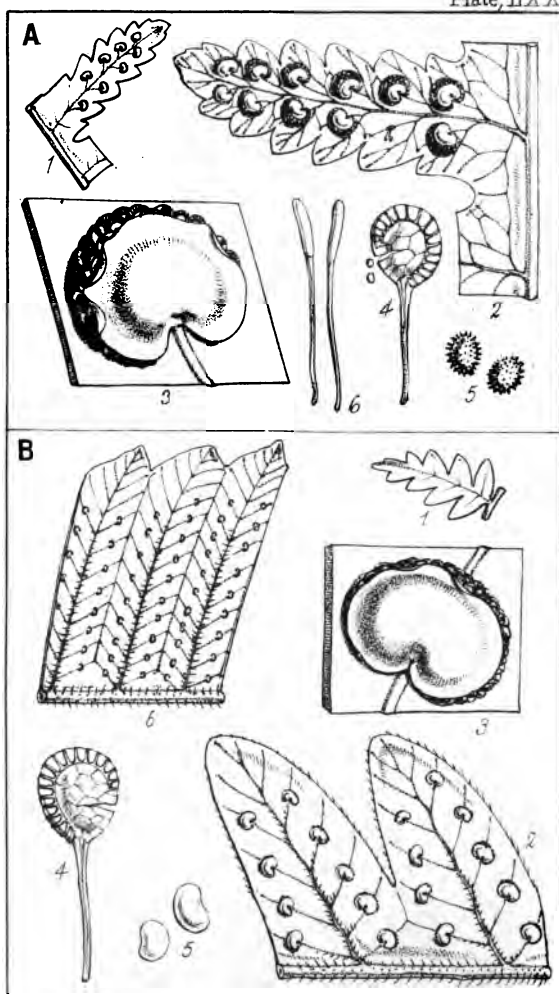
FIG. 1. An upper pinna of **NEPHRODIUM MOLLE**, *R. Br.* (n. s.)

2. Segments of the same.

3. Spore-case.

4. Spores.

5. Fragment of **NEPHRODIUM GLANDULOSUM**, *J. Sm.*,  
showing the more numerous connivent venules.



Fitch, del.

**A.** Pleocnemia. **B.** Nephrodium.





## PLATE LXXI.

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### GEN. 122.—*LASTREA*, *Bory: Presl.* [Synopsis p. lxxxvii.]

FIG. 1. Pinnules of *LASTREA FILIX-MAS*, *Presl.* (n. s.)

2. One of the pinnules, enlarged, showing forked veins.

3. A portion, more enlarged, showing a sorus with indusium.

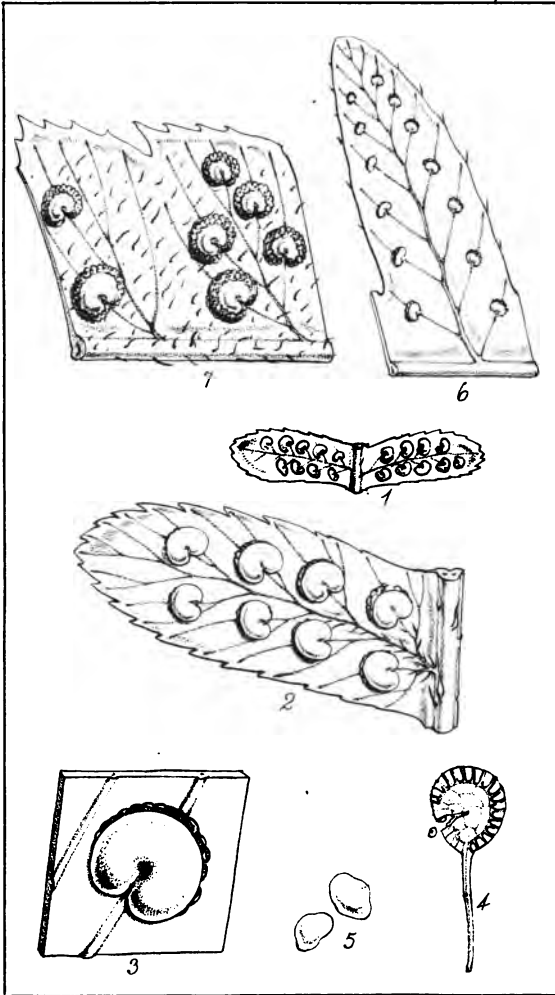
4. Spore-case.

5. Spores.

6. Segment of *LASTREA CRINITA*, *Moore*, showing simple veins.

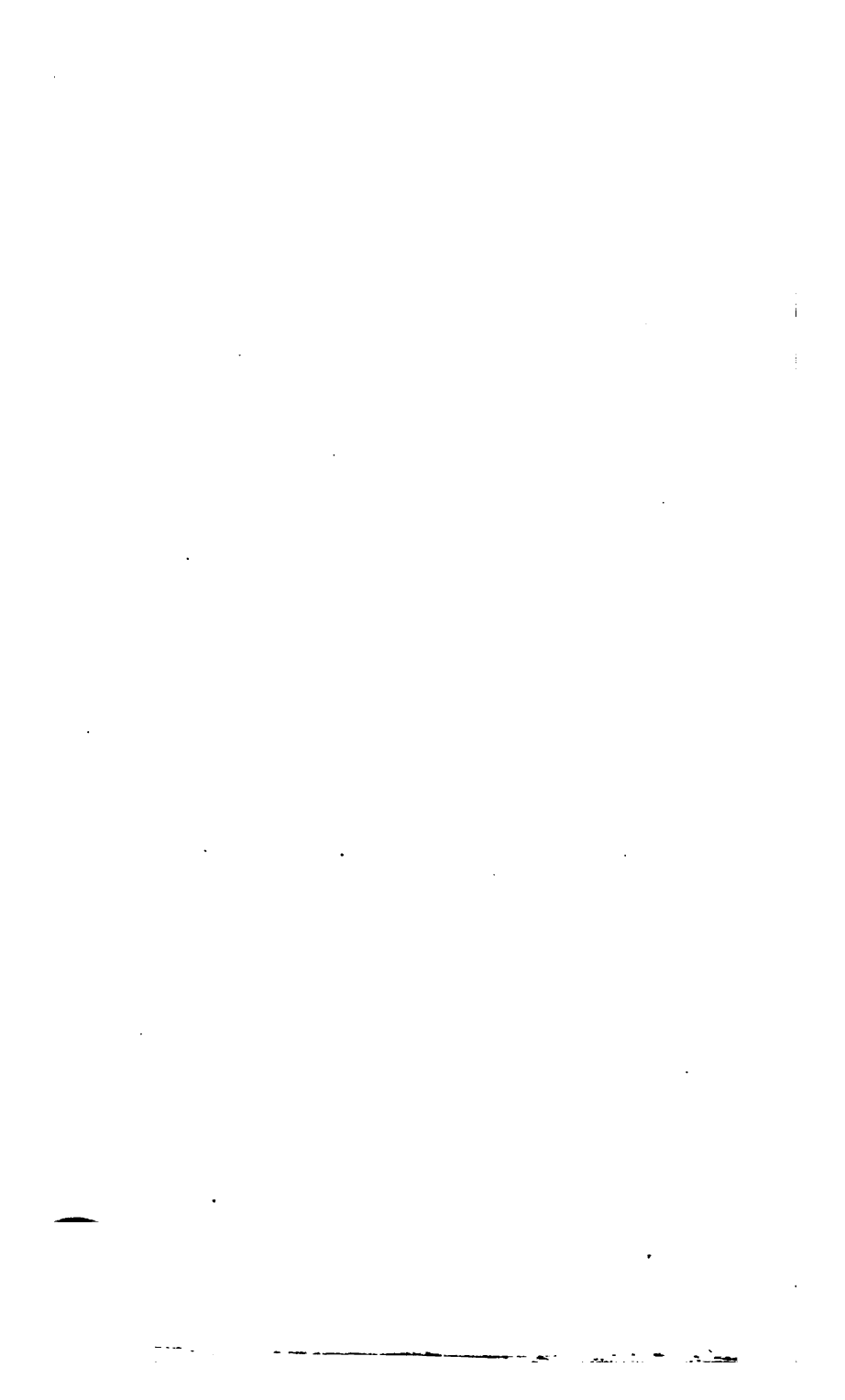
7. Fragment of *LASTREA SIEBOLDII*, *Moore*, (n. s.) showing pinnate veins.

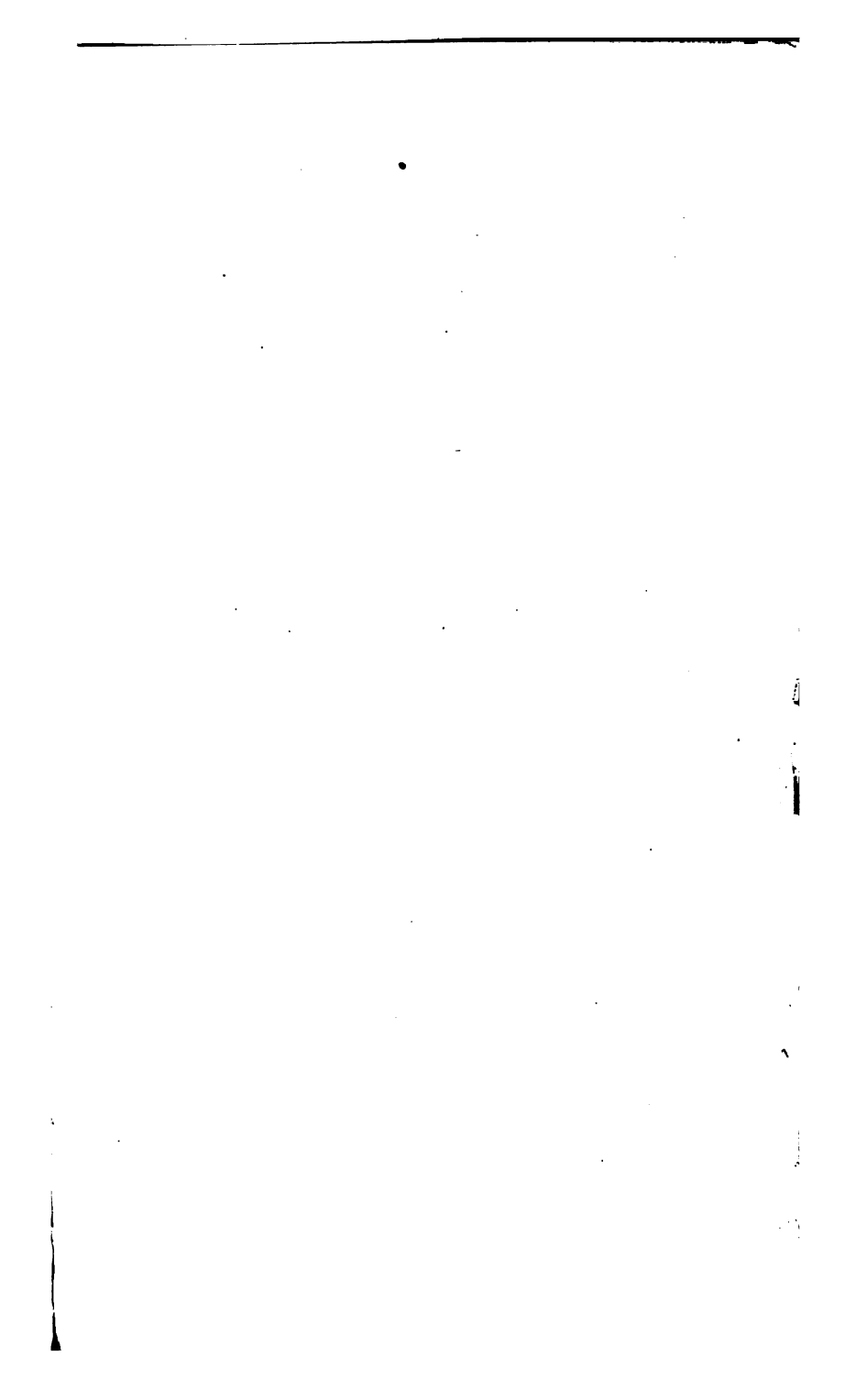




Fitch, del.

*Lastrea*.





## PLATE LXXII.

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### A.

GEN. 123.—**OLEANDRA**, *Cavanilles*. [Synopsis p. lxxxix.]

FIG. 1. Fragment of frond of **OLEANDRA** *ERRIFORMIS*, *Cav.*  
showing the nearly basal sori.

2. Spore-case.

3. Spores.

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### B.

GEN. 124.—**NEPHROLEPIS**, *Schott*. [Synopsis p. lxxxix.]

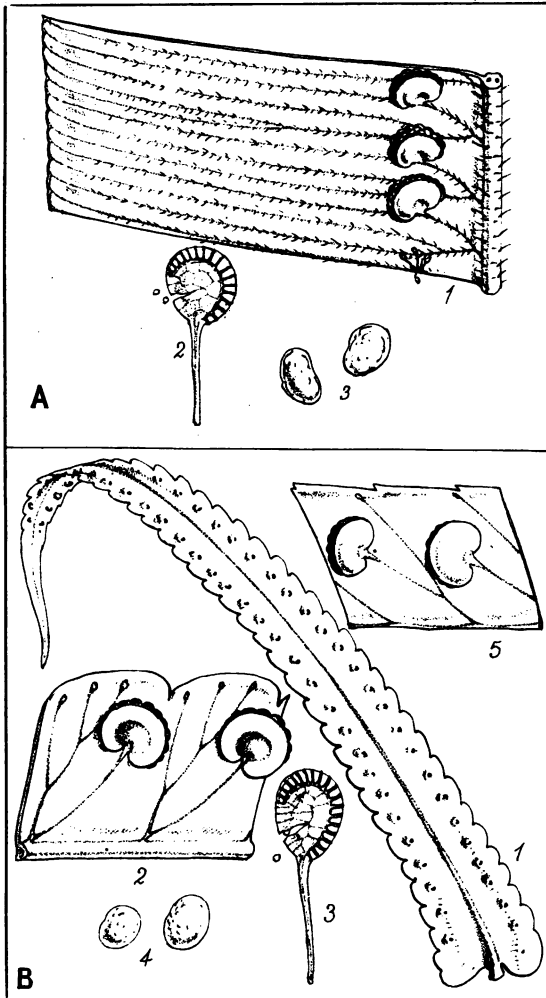
FIG. 1. Pinna of **NEPHROLEPIS** *SPLENDENS*, *Presl*. (n. s.)

2. Fragment of the same, enlarged, showing the veins and  
sori.

3. Spore-case.

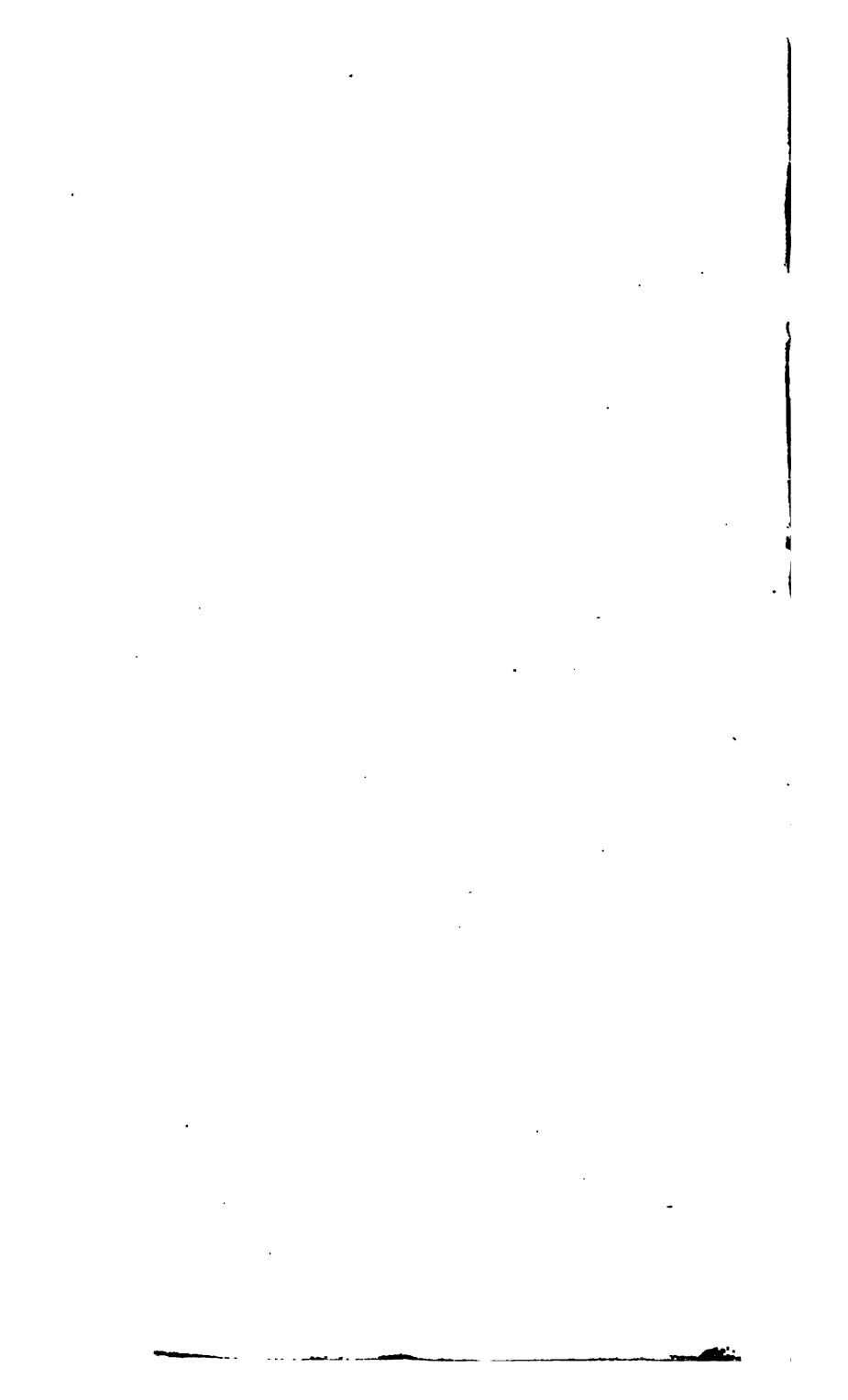
4. Spores.

5. Fragment of **NEPHROLEPIS** *TURBOSA*, *Presl*, showing  
the more reniform sori.



Fitch, del.

**A.** *Oleandra* **B.** *Nephrolepis*.



- Acrostichum coriaceum*, *Wall. Cat.* 14. ?  
*Acrostichum macropodium*, *Fée, Acrost.* 30, t. 6; *Id. Gen. Fil.* 43.  
*marginatum*, M. [*ante* p. 8].—India: Nepal, Khasya, Assam; Java.  
*Acrostichum conforme*, *Bl. Fl. Jav.* 25, t. 5.  
*Acrostichum gorgoneum*, *Bl. Enum.* 101; *Id. Fl. Jav.* 28, t. 8 (non Klfs.)  
*Acrostichum marginatum*, *Wall. Cat.* 17; *Fée, Acrost.* 31; *Id. Gen. Fil.* 43 (excl. syn.)  
*Offeria marginata*, *Presl, Tent. Pter.* 234.  
*martinicense*, M. [*ante* p. 10].—W. Indies: Jamaica, Martinique, Guadeloupe, Cuba (*Wright* 786 in part—coll. 1856), St. Vincent; Brazil: Rio Negro (*Spruce* 1426, 2308); St. Martha; Venezuela (*Fendl.* 391); Quito (*Jameson* 231); B. Guiana (*Appun.* 138; *Rob. Schomb.* 447); F. Guiana; Demerara; Madagascar.  
*Elaphoglossum glabellum*, *J. Sm. Lond. Journ. Bot.* 1, 197.  
*Acrostichum glabellum*, *Kl. Lin.* xx, 421.  
*Acrostichum martinicense*, *Desv. Berl. Mag.* v. 309; *Id. Prod.* 209; *Spreng. Syst.* 34; *Fée, Acrost.* 45, t. 16, fig. 3; *Id. Gen. Fil.* 43.  
*Mathewsii*, M. [*ante* p. 12].—Peru (*Mathews* 611), Surucuchu; N. Grenada.  
*Acrostichum Mathewsii*, *Fée, Acrost.* 54, t. 2, fig. 2; *Id. Gen. Fil.* 43.  
*melanopus*, M. [*ante* p. 12].—Venezuela.  
*Acrostichum melanopus*, *Kze. Lin.* xxiii, 214, 298; *Metten. Fil. Lips.* 19, t. 1, fig. 10, 11; *Lowc Ferns* vii, t. 59 B.  
*melanolepis*, M. [*ante* p. 12].—? . . . . .  
*Acrostichum melanolepis*, *Fée, Gen. Fil.* 43.  
*melanostictum*, M.—Java; Sierra Leone, Ambas Bay.  
*Acrostichum melanostictum*, *Bl. Fl. Jav.* 28, t. 7.  
*meridense*, M. [*ante* p. 12].—Columbia (*Moritz* 302); Venezuela (*Fendl.* 269); Ecuador; Quito, Lloa (*Jameson* 272); Brazil: Para (*Spruce* 16).  
*Acrostichum meridense*, *Kl. Lin.* xx, 427; *Fée, Gen. Fil.* 43, t. 1, fig. 3.  
*micradenium*, M. [*ante* p. 12].—Sandwich Isles.  
*Acrostichum micradenium*, *Fée, Acrost.* 43, t. 8, fig. 1; *Id. Gen. Fil.* 43.  
*microlepis*, *J. Sm. Cat. Kew Ferns* 1856; *Id. Cat. Ferns* 26.  
—Venezuela.  
*Acrostichum microlepis*, *Kze. Lin.* xxiii, 214, 299.  
*Miersei*, Heward MS.—*Elaphoglossum* Lechlerianum.  
*minutum*, M. [*ante* p. 12].—Brazil.  
*Acrostichum minutum*, *Pohl, Hb. Viad.*; *Fée, Acrost.* 39, t. 10, fig. 3; *Id. Gen. Fil.* 43.  
*Moritzianum*, M. [*ante* p. 12].—Columbia (*Moritz* 237);

Venezuela (*Fendl.* 266, ? 362); Dominica; Cuba (*Wright* 1040).

*Acrostichum Moritzianum*, *Kl. Lin.* xx. 423; *Fée, Gen. Fil.* 43.

—*β. erythrocomum*, M.—Columbia (*Wagner* 457).

*Acrostichum Moritzianum*, *v. erythrocomum*, *Kze. Lin.* xxv. 747.

*muscosum*, M. [*ante* p. 12].—Jamaica: Peru (*Lechl.* 2016; *Mathews* 179); Ecuador (*Seem.* 951); Quito (*Jameson* 234, ? 232); N. Grenada (*Schl.* 621); Galapagos.

*Acrostichum muscosum*, *Sw. Fl. Ind. Occ.* iii. 1591; *Id. Syn. Fil.* 10; *Willd. Sp. Pl.* v. 104; *Poir. Enc. Supp.* l. 118; *Spreng. Syst.* 35; *Desv. Prod.* 209; *Kze. Lin.* ix. 29; *Fée, Acrost.* 54; *Id. Gen. Fil.* 43; *Lieb. Mex. Breg.* 23.

*Acrostichum plumosum*, *Mett. Fil. Lechl.* 4.

*Olfersia mucosa*, *Presl, Tent. Pter.* 233.

*Neitneri*, M.—Ceylon.

*Acrostichum Neitneri*, "*Kl.*"

*nitidum*, *Brack. U. S. Expl. Exped.* xvi. 70, t. 9, fig. 3.—Sandwich Isles.

*notatum*, M. [*ante* p. 12].—Bolivia.

*Acrostichum notatum*, *Fée, Acrost.* 38, t. 10, fig. 1; *Id. Gen. Fil.* 43.

*obductum*, M. [*ante* p. 11].—Bourbon; Mauritius (*Sieb.* 25); Madagascar; Philippines.

*Acrostichum macrolepis*, *Bojer MS.: Hb. Hook.*

*Acrostichum obductum*, *Kfz. Sieb. Syn.* 25; *Spreng. Syst.* 34 (excl. syn.); *Fée, Acrost.* 59; *Id. Gen. Fil.* 43.

*Acrostichum tomentosum*, *Bory. Willd. Sp. Pl.* v. 101; *Poir. Enc. Supp.* v. 532; *Desv. Prod.* 209; *Bory, Bel. Voy.* ii. 19.

*Olfersia obducta*, *Presl, Tent. Pter.* 234.

*Olfersia tomentosa*, *Presl, Tent. Pter.* 233.

*obtusifolium*, J. Sm.— $\left\{ \begin{array}{l} \text{Elaphoglossum decurrens.} \\ \text{Elaphoglossum Cumingii.} \end{array} \right.$

*Orbignyanum*, M. [*Synops.* xvi.].—Mexico (*Orbigny* 178).

*Acrostichum Orbignyanum*, *Fée, Acrost.* 58, t. 13, fig. 2; *Id. Gen. Fil.* 43.

*ovatum*, M. [*Synops.* xvi.].—Peru; Quito (*Jameson* 15, 89); Columbia (*Hartw.* 1488); Brazil (*Gardn.* 5928); Bogota; Mexico.

*Elaphoglossum rabdolepis*, *Moore, ante* p. 13.

*Elaphoglossum ramosissimum*, *Moore, Synops.* p. xvi. et *ante* p. 13.

*Acrostichum nanum*, *Lieb. Mex. Breg.* 19.

*Acrostichum ovatum*, *Hook. et Grav. Icon. Fil.* t. 146; *Fée, Acrost.* 52, t. 14, fig. 7; *Id. Gen. Fil.* 43.

*Acrostichum rabdolepis*, *Fée, Gen. Fil.* 42, t. 1, fig. 1.

*Acrostichum ramosissimum*, *Fée, Acrost.* 53, t. 22, fig. 3; *Id. Gen. Fil.* 43; *Kl. Lin.* xx. 423.

*oxyphyllum*, M.—F. Guiana (*Sagot* 92).

*Acrostichum oxyphyllum*, "*Brongn.*"



**pachydermum**, M. [*ante* p. 12].—Brazil.

*Acrostichum pachydermum*, *Fée, Acrost.* 47; *Id. Gen. Fil.* 43; *Kze, Lin.* xxii. 575, in obs.

**pellucidum**, *Gaudichaud, Voy. Bon.* t. 79, fig. 5-7.—Sandwich Isles.

**perelegans**, M. [*Synops.* xvi.].—W. Indies: Dominica; Brazil; Peru; Venezuela (*Fendl.* 466).—*Plum.* t. 139?

*Elaphoglossum Dombeyanum*, *Hort.: M. et Houlet. Gard. Mag. Bot.* iii. 95.

*Elaphoglossum frigidum*, *J. Sm. Cat. Kew Ferns* 4.

*Elaphoglossum rubiginosum*, *J. Sm. Cat. Ferns* 26.

*Acrostichum circumscriptum*, *Bory Herb.*; *Fée, Acrost.* 55.

*Acrostichum cuspidatum*, *Lowe, Ferns* t. vii. 56.

*Acrostichum frigidum*, *Lind. Cat.* 1856; *Lowe, Ferns* vii. t. 47.

*Acrostichum muscibum*, *Kze, Lin.* ix. 29; *Id. Hb.* in part. non Sw.

*Acrostichum paleaceum*, *Pohl, Herb. Vindob.*; *Fée, Acrost.* 55.

*Acrostichum perelegans*, *Fée, Acrost.* 55, t. 23; *Id. Gen. Fil.* 43.

*Acrostichum viscosum*, *Hort. plur.*

**petiolosum**, M. [*ante* p. 4].—Peru.

*Acrostichum acuminatum*, *Juss. Hb.: Poir. Enc. Supp.* i. 120—f. Klfs.

*Acrostichum acutissimum*, *Poir.: Hb. Juss.*

*Acrostichum petiolosum*, *Desv. Berl. Mag.* v. 309; *Id. Journ. Bot.*

1813, i. 271; *Id. Prod.* 209; *Spreng. Syst.* 35; *Fée, Acrost.* 39, t.

14, fig. 1; *Id. Gen. Fil.* 43.

*Olfersia petiolosa*, *Presl, Tent. Pter.* 235.

**piloselloides**, M. [*ante* p. 13].—Peru: Tarapota (*Spruce* 4040);

Equador; Quito (*Jameson* 210); Pichincha (*Jameson*

48); Columbia (*Moritz* 26; *Hartw.* 1487); Merida

(*Moritz* 317); Venezuela (*Fendl.* 267, 268); Brazil

(*Gardn.* 4078; *Claussen* 253); Guiana; N. Grenada

(*Schlim* 56); Veragua (*Seemann* 11); Guatemala; Mexico

(*Galeotti* 6263, 6272, 6355, 6434; *Schaffn.* (1854) 24,

25); Panama (*Hayes* 30); Cuba (*Wright* 794).

*Elaphoglossum Jamesoni*, *Moore, ante* p. 10.

*Acrostichum cochleophorum*, *Spruce MS.* (4040).

*Acrostichum erythrorichum*, "*Kl.*"; *Hort.*

*Acrostichum Jamesoni*, *Hook. et Grev. Icon. Fil.* t. 86; *Fée, Acrost.*

52, t. 14, fig. 5; *Id. Gen. Fil.* 43; *Kl. Lin.* xx. 423,

*Acrostichum Pilosella*, *Spreng. Syst.* iv. 34.

*Acrostichum piloselloides*, *Presl, Rel. Hank.* 14, t. 2, fig. 1; *Fée,*

*Acrost.* 51, t. 14, fig. 6; *Id. Gen. Fil.* 43; *Kze, Lin.* ix. 32; xxiii.

214; *Metten. Fil. Lips.* 19; *Hook. Fil. Exot.* i. t. 29 (large);

*Liebm. Mex. Bregn.* 24; *Kl. Lin.* xx. 423.

*Acrostichum pumilum*, *M. et Gal. Foug. Mex.* 23, t. 2, fig. 2; *Liebm.*

*Mex. Bregn.* 24.

*Dictyoglossum erythrorichum*, *Hort.*

*Olfersia piloselloides*, *Presl, Tent. Pter.* 233.

—*B. obtusatum*, (*Hook. Gard. Ferns*, t. 29)—Tristan

d'Acunha.

*Acrostichum cenobarbum*, *Carm. MS.*

*Acrostichum Jamesoni*, *B. obtusatum*, *Fée, Acrost.* 52.

*Acrostichum obtusatum*, *Carm. Trans. Lin. Soc.* xii. 510; *Hook. et Grev. Icon. Fil.* t. 22.

—*γ. horridulum*, (*Hook. Gard. Ferns*, t. 29).—Brazil; Panama.

*Elaphoglossum horridulum*, *J. Sm. Bot. Voy. Herald*, i. 232.

*Elaphoglossum Raddianum*, *Breck. U. S. Expl. Exped.* xvi. 67.

*Acrostichum barbirussa*, *Koe. Hb. Ber.*—*f. Fée* in litt.

*Acrostichum ciliare*, *Pet. Thours, Tristan & Acunha* 32.—*f. Fée*.

*Acrostichum horridulum*, *Klfs. Baum.* 68; *Spreng. Syst.* 35; *Fée, Acrost.* 63, t. 14, fig. 4; *Id. Gen. Fil.* 43.

*Acrostichum Raddianum*, *Hook. et Grev. Icon. Fil.* t. 4.

*Acrostichum Raddii*, *Desv. Prod.* 209.

*Acrostichum spathulatum*, *Raddi, Fil. Bras.* 3, t. 15, fig. 2.

*Acrostichum tenellum*, *Desv. Prod.* 210.—according to authent. spec. *Hb. Grev. (P. N. F.)*

*Acrostichum villosum*, *Gaud. Frey. Voy.* 302.

*Olfersia horridula*, *Presl, Tent. Pter.* 233.

—*δ. spathulatum*, (*Hook. Gard. Ferns* t. 29)—Bourbon; Madagascar; Ceylon (*Hook.*)

*Elaphoglossum spathulatum*, *Moore*, ante p. 14.

*Acrostichum ciliare*, *Pet. Thours, Tristan & Acunha* 32.—*f. Klfs.*

*Acrostichum spathulatum*, *Bory. Voy. Mers d'Afrique*, i. 363, t. 20, fig.

1; *Sw. Syn. Fil.* 10; *Willd. Sp. Pl.* v. 108 (nec Herb.); *Poir. Enc.*

*Suppl.* i. 119; *Spreng. Syst.* 34 (excl. syn.); *Desv. Prod.* 209; *Presl,*

*Rel. Hank.* i. 15; *Fée, Acrost.* 51, t. 14, fig. 3; *Id. Gen. Fil.* 43.

*Olfersia spathulata*, *Presl, Tent. Pter.* 233 (excl. syn. *H. et Grev.*)

*pilosum*, *M.* [ante p. 8].—Columbia (*Moritz* 120); Mexico (*Andrieux* 31).—*Lam. Ill.* t. 865, fig. 4?

*Acrostichum cochleatum*, *Bory Hb.*; *Fée, Acrost.* 63, t. 16, fig. 1; *Id. Gen. Fil.* 43.—*f. Kl.*

*Acrostichum pilosum*, *Humb. et Bonpl.: Willd. Sp. Pl.* v. 108; *Poir. Enc. Suppl.* v. 533; *Desv. Prod.* 209; *Spreng. Syst.* 33; *H.B.K.*

*Nov. Gen.* i. 1; vii. t. 661; *Fée, Acrost.* 63; *Id. Gen. Fil.* 43; *Kl.*

*Lin.* xx. 426.

*Olfersia pilosa*, *Presl, Tent. Pter.* 234.

*platyneuron*, *M.* [ante p. 13].—W. Indies: Cuba (*Lind.* 2156; *Wright* 967), Jamaica, Martinique (*Garnier* 290, 291); Mexico (*Schaffn.* 28).

*Elaphoglossum villosum*, *Hort.: M. et Houlet. Gard. Mag. Bot.* iii. 96, with tab.

*Acrostichum platyneuron*, *Fée, Acrost.* 43, t. 4, fig. 1; *Id. Gen. Fil.* 43. (An *Elaphoglossum apodum*.)

*Plumieri*, *M.* [ante p. 13].—W. Indies: St. Domingo, Guadeloupe, Jamaica (*Wilson* 696); Organ Mountains (*Miers* 13).

*Acrostichum Plumieri*, *Fée, Acrost.* 50 (non *Desv.*); *Id. Gen. Fil.* 43.

*Acrostichum recognitum*, *Koe. Hb.*—*f. Fée*.

*Acrostichum villosum*, *Lowe, Ferns* vii. t. 54.

*plumosum*, *M.*—B. Guiana (*Robt. Schomb.* 446; *Rich. Schomb.* 1141); N. Brazil: S. Gabriel (*Spruce* 2397); Rio Negro (*Spruce* 1770).

- Elaphoglossum squamosum, *J. Sm. Lond. Journ. Bot.* i. 197.  
 Acrostichum plumosum, *Fée, Acrost.* 54, t. 20, fig. 1; *Id. Gen. Fil.* 43;  
*El. Lin.* xx. 428.  
 (See *Elaphoglossum Wageri*).  
 Poeppigianum, *M.* [*ante* p. 13].— . . . . .  
 Acrostichum Poeppigianum, *Fée, Gen. Fil.* 43.  
 procurrens, *M.*—Cuba (*Wright* 793).  
 Acrostichum procurrens, *Metten MS.*; *Eaton, Mem. Acad. Amer. Sc.*  
 n. s. viii. 194.  
*rabdolepis*, *Moore*.—*Elaphoglossum ovatum*.  
*Raddianum*, *Brack*.—*Elaphoglossum piloselloides*.  
*ramosissimum*, *Moore*.—*Elaphoglossum ovatum*.  
 reptans, *M.*—Guayaquil.  
 Acrostichum reptans, *Cav. Ann. Hist. Nat.* i. 104; *Id. Praelect.* (1801)  
 239; *Sw. Syn. Fil.* 11; *Willd. Sp. Pl.* v. 109; *Poir. Enc. Supp.*  
 120; *Spreng. Syst.* 35.  
 ? *reticulatum*, *Gaud.*—*Hymenodium reticulatum*.  
 revolutum, *M.*—Mexico.  
 Acrostichum revolutum, *Liebm. Mex. Bregn.* 11.  
 Roeslii, *M.* [*ante* p. 14].—Mexico (*Schaffn.* (1855) 280).  
 Acrostichum Roeslii, *Schaffn. MS.*: *Fée, Cat. lith. Foug. Mex.* 2; *Id.*  
*Iconogr. Nouv.* 69.  
*rubiginosum*, *J. Sm.*—*Elaphoglossum perelegans*.  
 Ruizianum, *M.* [*ante* p. 10].—S. America: Peru.  
 Acrostichum Huacсаро, *Ruiz: Lambert, Cinch.* ed. 2, 128; *Fée, Gen.*  
*Fil.* 43; "*Bert. Aman. It.* t. 2; *Opusc. Sc. Bon.* i. t. 8" (*Pritzell*).  
 rufescens, *M.*—Mexico.  
 Acrostichum rufescens, *Liebm. Mex. Bregn.* 18.  
 samöense, *Brack. U.S. Expl. Exped.* xvi. 68, t. 9, fig. 1.—  
 Samoan Isles.  
 scandens, *M.* [*ante* p. 14].—Venezuela (*Lind.* 74), Caraccas;  
 Mexico (*Schaffn.* (1854) 27), Vera Cruz; Guadeloupe.  
 Acrostichum scandens, *Bory Hb.*; *Fée, Acrost.* 33; *Id. Gen. Fil.* 43.  
 scalpellum, *M.* [*ante* p. 14].—Brazil (*Gardn.* 4079).  
 Acrostichum scalpellum, *Mart. Fl. Bras.* 88; *Fée, Acrost.* 32, t. 10, fig.  
 2; *Id. Gen. Fil.* 43.  
 scapellum, *M.* [*ante* p. 14].—Mexico (*Galeotti* 6304; *Schaffn.*  
 (1854) 17).  
 Acrostichum scapellum, *Kze. Fil. Bras.* 290—f. *Fée*; *Fée, Cat. lith.*  
*Foug. Mex.* 1.  
 Acrostichum simplex, *M. et Gal. Foug. Mex.* 21, in part.  
 Schiedei, *M.* [*ante* p. 5, 14].—Mexico (*Galeotti* 6344; *Lind.*

550; *Schaffn.* (1853) 21; (1855) 18, 278a), Oaxaca, Xalapa; Bogota; Bolivia; Quito; Caraccas, Galipan (*Wagner* 357).

*Acrostichum alismifolium*, *Hort.*—f. Kze.

*Acrostichum rubiginosum*, *Fée*, *Acrost.* 47—f. Kze.

*Acrostichum* Schiedel, *Kze. Anal. Pter.* 10; *Id. Lin.* xiii. 129; xviii. 309; xxiii. 214; *M. et Gal. Foug. Mex.* 23; *Liebman. Mex. Bregn.* 15.

*Schlimense*, M.—N. Grenada (*Schlim* 622).

*Acrostichum Schlimense*, *Fée*, *Iconogr. Nouv.* 68.

*Schomburgkii*, Moore.—*Elaphoglossum latifolium*.

*scolopendrifolium*, J. Sm. *Bot. Mag.* 1846, comp. 17; *Id. Bot. Voy. Her.* i. 232; *Id. Cat. Kew Ferns* 3; *Id. Cat. Ferns* 26.—Brazil, Organ Mountains (*Miers* 16); S. Darien; Veragua (*Seem.* 1551).

*Acrostichum fimbriatum*, *Hort. Ber.*—f. Presl.

*Acrostichum scolopendrifolium*, *Raddi, Fil. Bras.* 4, t. 16 (excl. syn.); *Link. Fil. Sp.* 149; *Fée, Acrost.* 43; *Id. Gen. Fil.* 43; *Kze. Lin.* xxiii. 214; *Loze, Ferns* vii. t. 45.

*Olfersia scolopendrifolia*, *Presl, Tent. Pter.* 235.

*Sellowianum*, M.—Brazil.

*Acrostichum* sp. *Hb. Reg. Ber. Bras.*

*Olfersia Sellowiana*, *Presl, Tent. Pter.* 234.

sessile, M. [*ante* p. 14.]—Sandwich Isles.

*Elaphoglossum alatum*, *Gaud. Voy. Bon.* t. 135—f. *Fée*.

*Acrostichum sessile*, *Fée, Gen. Fil.* 43.

setosum, M. [*ante* p. 14.]—Mexico.

*Acrostichum setosum*, *Liebman. Mex. Bregn.* 17.

*Sieberi*, M. [*ante* p. 11, 14.]—Mauritius; ? Fernando Po.

*Acrostichum latifolium*, *Sieb. Syn. Fil.* 28—f. Hook.

*Acrostichum Sieberi*, *Hook. et Grev. Icon. Fil.* t. 237; *Fée, Acrost.* 29; *Id. Gen. Fil.* 43.

*Olfersia Sieberi*, *Presl, Tent. Pter.* 235.

simplex, *Schott, Gen. Fil.* (sub. t. 15).—Jamaica; St. Vincent; Guadeloupe; Martinique; Mexico (*Schaffn.* (1855) 283; *Galeotti* 6345); Peru; Venezuela (*Lind. F. et Sokl.* 851); B. Guiana (*Rich. Schomb.* 1649).

*Elaphoglossum simplex*, J. Sm. *Hook. Journ. Bot.* iv. 149; *Hook. Gen. Fil.* t. 105 A.

*Acrostichum simplex*, *Sw. Fl. Ind. Occ.* iii. 1587; *Id. Syn. Fil.* 10; *Willd. Sp. Pl.* v. 100; *Poir. Enc. Supp.* i. 118; *Desv. Prod.* 208; *Spreng. Syst.* 33; *Link. Fil. Sp.* 149; *M. et Gal. Foug. Mex.* 21, in part; *Kze. Lin.* xviii. 309; xxiii. 214; *Kl. Lin.* xx. 421; *Fée, Acrost.* 36; *Id. Gen. Fil.* 43; *Liebman. Mex. Bregn.* 23; *Mettien. Fil. Lips.* 19.

*Olfersia simplex*, *Presl, Tent. Pter.* 235.

simplex, J. Sm.—*Elaphoglossum flaccidum*.

spathulatum, Moore.—*Elaphoglossum piloselloides*, ♂.

[*Gen.* 63. Sp. 1570.]

splendens, *Brack. U.S. Expl. Exped.* xvi. 68.—Bourbon; Comoro Isles; Madagascar; Sugar Loaf Mountains, Niger Expedition; Sandwich Isles (*Douglas* 28), Owhyhee; Sumatra.

*Elaphoglossum splendens*, *Moore, Synops.* xvi.

*Acrostichum Mezlerii*, *Bory, Hb. Mus. Par.* (Hook.)

*Acrostichum splendens*, *Bory: Willd. Sp. Pl.* v. 104; *Klft. Enum.* 60 (excl. syn.); *Gaud. Frey. Voy.* 303; *Poir. Enc. Supp.* i. 120; *Desv. Prod.* 208; *Spreng. Syst.* 34 (excl. syn.); *Hook. et Arn. Beech. Voy.* 103; *Fée, Acrost.* 60, t. 21, fig. 2; *Id. Gen. Fil.* 43.

*Olfersia splendens*, *Presl, Tent. Pter.* 233.

sporadolepis, M.—Venezuela (*Fendl.* 294, ? 287).

*Acrostichum sporadolepis*, *Kze. MS.*—f. Metten.; *Eaton, Mem. Acad. Amer. Sc. n.s.* viii. 194.

squamatum, M. [*ante* p. 15].—Peru; Marianne Isles.

*Acrostichum squamatum*, *Sw. Syn. Fil.* 11; *Willd. Sp. Pl.* v. 101; *Spreng. Syst.* 34; *Poir. Enc. Supp.* i. 119; v. 532; *Fée, Acrost.* 63; *Id. Gen. Fil.* 43.

*Acrostichum squamosum*, *Cav. Ann. Hist. Nat.* i. 104; *Id. Praelect.* (1801) 239; *Desv. Prod.* 209.

*Olfersia squamata*, *Presl, Tent. Pter.* 233.

squamipes, M. [*ante* p. 15].—Peru (*Mathews* 199); Quito (*Jameson* 74 bis); N. Grenada; Venezuela (*Lind.* 1591); Mexico (? *Schaffn.* (1853) 26).

*Elaphoglossum crispatum*, *Moore, ante* p. 8.

*Acrostichum crispatum*, *Fée, Gen. Fil.* 42, 43; *Id. Iconogr. Nouv.* 2, t. 1, fig. 2.

*Acrostichum squamipes*, *Hook. Icon. Pl.* t. 197; *Fée, Acrost.* 53 t. 22, fig. 2; *Id. Gen. Fil.* 43.

squamosum, *J. Sm. Hook. Journ. Bot.* iv. 148.—Madeira; Azores (*Hochst.* 170; *Watson* 335); Jamaica; Mexico (*Schaffn.* (1854) 29); Quito: Lloa (*Jameson* 49, ? 272); Ceylon (*Gardn.* 1164); Neilgherries; Kumaon.

*Elaphoglossum squamosum*, *Moore, ante* p. 10, 14.

*Elaphoglossum vestitum*, *Brack. U. S. Expl. Exped.* xvi. 69, in obs.

*Acrostichum hirtum*, *Sw. Syn. Fil.* 194; 419; *Poir. Enc. Supp.* i. 119; *Willd. Sp. Pl.* v. 104; *Spreng. Syst.* 34; *Desv. Prod.* 208; *Fée, Acrost.* 61; *Id. Gen. Fil.* 43.

*Acrostichum Loweianum*, *Kze. Hb.*; *Fée, Acrost.* 61.

*Acrostichum Loweii*, *Fée Hb.*; *Id. Acrost.* 4, 9.

*Acrostichum paleaceum*, *Hook. et Grev. Icon. Fil.* t. 235 (plate); *Lowe, (R. T.) Camb. Phil. Trans.* vi. 523.

*Acrostichum squamosum*, *Sw. Schrad. Journ.* 1800, II. 11; *Id. Syn. Fil.* 10, 195; ? *Schkr. Crypt.* 184, t. 1 b; *Poir. Enc. Supp.* i. 119; *Liebm. Mex. Bregm.* 24; *Lowe, (E. J.) Ferns* vii. t. 48.

*Acrostichum vestitum*, *Lowe MS.*: *Hook. et Grev. Icon. Fil.* t. 235, in text, (non Schlecht.)

*Olfersia paleacea*, *Presl, Tent. Pter.* 234.

squamosum, *J. Sm. (Schomb.)*—*Elaphoglossum plumosum*.

squarrosum, M. [*ante* p. 14].—Columbia (*Moritz* 819).

*Acrostichum squarrosum*, *Kt. Lin.* xx. 424; *Fée, Gen. Fil.* 43.

[*Gen.* 68. Sp. 1876.]

*stelligerum*, M. [*ante* p. 10, 14].—Neilgherries.

*Acrostichum hybridum*, *Wight Hb.*

*Acrostichum stelligerum*, *Wall. Cat.* 2187 (not in *Hb. Wall.*)

*stenopteris*, M. [*ante* p. 15.].—Columbia (*Moritz* 234); Venezuela (*Fendl.* 282).

*Acrostichum stenopteris*, *Kl. Lin.* xx. 421; *Fée, Gen. Fil.* 43.

*stigmatolepis*, M. [*Synops.* xvi.].—Neilgherries; Nepal; Java.

*Acrostichum nigrum*, *Zippel. MS.*—f. Kze.

? *Acrostichum laurifolium*, *Lowe, Ferns* vii. t. 59 A.

*Acrostichum stigmatolepis*, *Fée, Acrost.* 62, t. 24, fig. 2; *Id. Gen. Fil.* 43; *Kze. Lin.* xxiv. 248.

*stipitatum*, M. [*ante* p. 14.].—Bourbon.

*Acrostichum stipitatum*, *Bory: Fée, Acrost.* 38, t. 4, fig. 3; *Id. Gen.* 43.

*strictum*, M. [*ante* p. 15.].—Brazil; Columbia (*Moritz* 121); Cuba (*Wright* (1859) 789, in part.

*Acrostichum strictum*, *Raddi, Pl. Bras.* 3, t. 15, fig. 3; *Mart. Fl. Bras.* 84, t. 22; *Fée, Acrost.* 49; *Id. Gen. Fil.* 43; *Kl. Lin.* xx. 423.

*Olfersia stricta*, *Presl, Tent. Pter.* 234, t. 10, fig. 16 (excl. syn. Kze).

*subaequale*, M.—Mexico.

*Acrostichum ovatum*, *Liebm. Mez. Bregm.* 12.

*succisefolium*, M. [*ante* p. 8, 15].—Bourbon; Mauritius; Tristan d'Acunha.

*Acrostichum macropodium*, *Carm. MS.: Hb. Hook.*

*Acrostichum succisefolium*, *Juss. Hb.: Poir. Enc. Supp.* 1. 120; *Carm. Lin. Trans.* xii. 510; *Klfs. Enum.* 60; *Spreng. Syst.* 35; *Desv. Prod.* 208; *Hook. et Grev. Icon. Fil.* t. 2; *Fée, Acrost.* 61; *Id. Gen. Fil.* 43.

*Acrostichum succisum*, *Pet. Thours. Fl. Tristan d'Acunha* 31.

*Olfersia succisefolia*, *Presl, Tent. Pter.* 235.

*tahitense*, *Brack. U.S. Expl. Exped.* xvi. 73.—Society Islands.

*tambillense*, M. [*ante* p. 15.].—Quito; Columbia (*Moritz* 318).

*Acrostichum tambillense*, *Hook. Icon. Pl.* t. 656; *Fée, Gen. Fil.* 43; *Kl. Lin.* xx. 420.

*tectum*, M. [*ante* p. 12, 14.].—Columbia (*Moritz* i. 6, 25, 315 b; *Hartw.* 1489); Peru: Carapa (*Mathews* 1794); Brazil (*Gardn.* 5928, ? *Vauthier* 663, 664); St. Martha; Darien (*Schott* 82); Mexico (*Schaffn.* (1854) 20; *Aschenb.* 709); Jamaica.

*Acrostichum nivolum*, *Kze. Bot. Zeit.* iii. 281—f. Kl.

*Acrostichum rubiginosum*, *Fée, Acrost.* 47, t. 5, fig. 1 (excl. syn. A. Schiede);—f. Kl.; *Id. Gen. Fil.* 43.

*Acrostichum tectum*, *H.B.: Willd. Sp. Pl.* v. 102; *Poir. Enc. Supp.* v. 532; *Desv. Prod.* 209; *Kl. Lin.* xx. 426.

*Olfersia tecta*, *Presl, Tent. Pter.* 234

*tenuifolium*, M.—Mexico.

*Acrostichum tenuifolium*, *Liebm. Mez. Bregm.* 11.

**tovarense**, M.—Venezuela (*Fendl.* 292).

*Acrostichum tovarense*, *Kze. MS.*—f. Metten; *Eaton, Mem. Acad. Amer. So. n. s.* viii. 194.

**tragiaefolium**, M. [*ante* p. 15].—Guadeloupe; Dominica.

*Acrostichum tragiaefolium*, *L'Herm. MS.* (no. 15): *Hb. Herb.*

**undulatum**, M. [*ante* p. 13].—Martinique (*Sieb. Fl. Mart.* 346); Mauritius.—*Plum.* t. 126.

*Acrostichum podotrichum*, *Desv. Berl. Mag.* v. 309; *Id. Journ. Bot.* 1813, 271.—f. Klfs.

*Acrostichum undulatum*, *Willd. Sp. Pl.* v. 105; *Klfs. Enum.* 61; *Spreng. Syst.* 35; *Poir. Enc. Supp.* v. 533; *Desv. Prod.* 208; *Fée, Acrost.* 42; *Id. Gen. Fil.* 43.

*Olfersia undulata*, *Presl, Tent. Pter.* 234.

**venustum**, M. [*ante* p. 16].—Mexico (*Schaffn.* (1855) 278 b c).

*Acrostichum venustum*, *Fée, Cat. lith. Foug. Mex.* 2; *Id. Iconogr. Nouv.* 68.

**vestitum**, *Schott, Gen. Fil.* (sub. t. 15).—Mexico (*Galeotti* 6459).

*Acrostichum fulvum*, *M. et Gal. Foug. Mex.* 24, t. 3, fig. 2.

*Acrostichum vestita*, *Schlecht. Lin.* v. 605 (non Lowe); *Fée, Acrost.* 61; *Id. Gen. Fil.* 43; *Kze. Lin.* xviii. 309; *Lieb. Mex. Bregm.* 18.

*Olfersia vestita*, *Presl, Tent. Pter.* 234.

**vestitum**, Brack.—*Elaphoglossum squamosum*.

**Viellardii**, M.—New Caledonia (*Viellard* 1537).

*Acrostichum Viellardii*, *Metten, Ann. des So. Nat. Botanique ser. 4.* xv. 55.

**villosum**, J. Sm. *Hook. Journ. Bot.* iv. 143.—W. Indies: Jamaica, Guadeloupe (*L'Herm.* 8); Venezuela (*Fendl.* 266); Peru.

*Acrostichum villosum*, *Sw. Fl. Ind. Oce.* iii. 1592; *Id. Syn. Fil.* 10; *Willd. Sp. Pl.* v. 103 (excl. syn. Plum.); *Poir. Enc. Supp.* i. 118;

*Spreng. Syst.* 34; *Desv. Prod.* 208; *Hook. et Grev. Icon. Fil.* t. 95; *Fée, Acrost.* 49; *Id. Gen. Fil.* 43; *Kze. Lin.* ix. 31; xxiii. 215.

*Olfersia villosa*, *Presl, Tent. Pter.* 233.

—**β. Poeppigianum**, M.—Peru.

*Acrostichum villosum*, *β. Poeppigianum*, *Fée, Acrost.* 50, t. 20, fig. 2.

*Acrostichum villosum*, *β. et γ. Kze. Lin.* ix. 32.

**villosum**, Hort.—*Elaphoglossum platyneuron*.

**viscosum**, *Schott, Gen. Fil.* (sub. t. 15).—West Indies: Jamaica, Cuba (*Lind.* 1492, 2155; *Wright* (1859) 789 in part), Dominica (*Imray* 45), Martinique (*Belang.* 410), St. Vincent, Montserrat, Guadeloupe (*L'Herm.* 6), Trinidad; S. Darien; Mexico (*Coult.* 1695, 1696); Guatemala; Guiana; Surinam (*Kappler* 1749); New Grenada (*Schlim* 50); Venezuela (*Funk et Schlim* 831; *Fendl.*

[*Gen. 68. Sp.* 1593.]

272, 273, 274, 275); Caracoas; Brazil (*Regn.* ii. 336; *Gardn.* 99; *Claussen* 96); S. Brazil; S. Gabriel (*Spruce* 2306); Equador (*Spruce* 5228); Peru (*Mathews* 1793, 3278); Quito (*Jameson* 18); India: Nepal, Assam, Khasya, Neilgherries; Philippines (*Cuming* 194); Ceylon; Java (*Zoll.* 3128); Bourbon; Mauritius (*Sieb. Syn. Fl.* 28, 184); Fernando Po (*Mann.* 370, in part).—*Plum.* t. 129.

*Elaphoglossum viscosum*, *J. Sm. Hook. Journ.* iv. 148; *Brack. U.S. Expl. Exped.* xvi. 71.

*Elaphoglossum Blumeianum*, *J. Sm. Hook. Journ. Bot.* iii. 400.

*Acrostichum angustum*, *Bojer MS.*

*Acrostichum Blumeianum*, *Fée, Acrost.* 62; *Id. Gen. Fil.* 43.

*Acrostichum Breutelianum*, *Kze. Schkr. Supp.* ii. 3, t. 102 (fert. fr.).—*f. Fée* in litt.

*Acrostichum Gardnerianum*, *Lowe, Ferns* vii. t. 58.

*Acrostichum lancifolium*, *Desv. Berk. Mag.* v. 310; *Id. Journ. Bot.* 1813; 272; *Id. Prod.* 209; *Poir. Enc. Supp.* v. 533.

*Acrostichum nerifolium*, *Wall. Cat.* 16.

*Acrostichum petiolatum*, *Sw. Fl. Ind. Occ.* iii. 1588.

*Acrostichum Plumieri*, *Desv. Prod.* 206—*f. Presl*; *Fée*.

*Acrostichum salicifolium*, *Willd. Hb.*; *Klfs. Enum.* 58; *Spreng. Syst.* 33.

*Acrostichum viscosum*, *Sw. Syn. Fil.* 10, 193; *Willd. Sp. Pl.* v. 103;

*Poir. Enc. Supp.* i. 118; *Desv. Prod.* 209; *Spreng. Syst.* 33; *Wall. Cat.* 15; *Bl. Fl. Jav.* 27; *Hook. et Grov. Icon. Fil.* t. 61; *Fée, Acrost.* 45; *Id. Gen. Fil.* 43; *Metten. Fil. Lips.* 19.

*Acrostichum viscosum*,  $\beta$ , *salicifolium*, *Fée, Acrost.* 46; *Id. Gen. Fil.* 43.

*Olfersia nerifolia*, *Presl, Tent. Pter.* 235.

*Olfersia salicifolia*, *Presl, Tent. Pter.* 234.

*Olfersia viscosa*, *Presl, Tent. Pter.* 234.

— $\beta$ . minor, *M.*—N. Grenada (*Fendl.* 272); Bolivia.

*Acrostichum rubiginosum* minor, *Fée, Acrost.* t. 13, fig. 1 (small).

— $\gamma$ . laciniatum, *M.*—Nepal.

*Acrostichum nerifolium*,  $\epsilon$ . laciniatum, *Wall. Cat.* 16, in part.

*Wageneri*, *M.* [*ante* p. 16].—Columbia (*Wagener* 458); B. Guiana (*Appun.* 190).

*Acrostichum Wageneri*, *Kze. Lin.* xxv. 748.

(An *Elaphoglossum plumosum*, var.)

*Webbii*, *M.* [*ante* p. 16].—Chili (*Cuming* 151); Panama.

*Acrostichum Webbii*, *Bory Hb.*; *Fée, Acrost.* 51, t. 24, fig. 4; *Id. Gen. Fil.* 43; *Sturm, Enum. Chil.* 10.

*Wrightii*, *M.*—Cuba (*Wright* 965).

*Acrostichum Wrightii*, *Metten. MS.*; *Eaton, Mem. Acad. Amer. Sc.* n.s. viii. 194.

*xanthoneuron*, *M.*—Venezuela (*Fendl.* 280).

*Acrostichum xanthoneuron*, *Kze. MS.*—*f. Metten*; *Eaton, Mem. Acad. Amer. Sc.* n.s. viii. 194.

**Eleutheria**, *Kunze, Bot. Zeit.* ii. 296. (§)

*integrifolia*, *Kze.*—*Hemitelia speciosa*.

[*Gen. 68. Sp.* 1599.]



*speciosa*, Kze.—*Hemitelia speciosa*.

**Ellobocarpus**, *Kaulfuss, Entwick. d. Farrenkr. f. 7-9; Id. Enum. Fil. 147.*

*cornutus*, Klfs.—*Ceratopteris thalictroides*.

*oleraceus*, Klfs.—*Ceratopteris thalictroides*.

**Eriochosma**, *J. Smith, Hook. Journ. Bot. iv. 50 (§)=NOTOCHLÆNA.*

**Eriosorus**, *Fée, Gen. Fil. 152.*

*Ruizianus*, Fée.—*Gymnogramma ferruginea*.

*scandens*, Fée.—*Gymnogramma scandens*.

**EUPODIUM**, *J. Smith, Hook. Journ. Bot. iv. 190, in obs.; Id. Hook. Lond. Journ. Bot. i. 129; Id. Hook. Gen. Fil. t. 118. [Synopsis p. cxxii.]*

*Kaulfussii*, *J. Sm. Hook. Lond. Journ. Bot. ii. 262; Id. Cat. Ferns, 80.—Brazil (Vauthier 166); Columbia (Moritz 282; Karsten ii. 21); Venezuela (Fendl. 3); Caraccas (Lind. 196); New Grenada, Antioquia.*

*Eupodium Kaulfussii*, *Hook. Gen. Fil. t. 118; Presl, Suppl. Tent. Pter. 17; Id. Die Gefassb. 13, t. 1, fig. 10 (stipes); Moore et Houlst. Gard. Comp. 147, fig. 93; De Vriese, Monogr. 13; Brack. U.S. Expl. Exped. xvi. 813.*

*Marattia alata*, *Raddi, Fil. Bras. 74, t. 83, 84—f. J. Sm.; Kl. Lin. xviii. 529 (excl. syn.)*

*Marattia Kaulfussii*, *J. Sm. Hook. Gen. sub. t. 26; Kze. Lin. xxiii. 266; Metten. Fil. Lips. 118; Lowe, Ferns Suppl. t. 17; Hook. 2nd Cent. Ferns t. 96.*

*Marattia lævis*, *Klfs. Enum. 31 (spec. Brazil, excl. all syn.); Link, Fil. Sp. 32 (excl. patr. et syn.)*

*Marattia macrophylla*, *Hort.—f. Kze.*

**Euplasium**, *R. Brown MS. in Hb.=DRYOSTACHYUM.*

**Eupteris**, *Agardh, Pterid. 1. (§)=PTERIS.*

**Eupteris**, *Newman, Phytol. ii. 278.*

*aquilina*, *Newm.—Pteris aquilina.*

**Euphorophyllum**, *Van den Bosch, Hym. Jungh. 19 (§)=HYMENOPHYLLUM*

**Euryostichum**, *Presl, Epim. Bot. 188 (§)=ANAPAUSIA.*

**FADYENIA**, *Hooker, Gen. Fil. t. 53. [Synopsis lxxxiv.]*

*prolifera*, *Hook. Gen. Fil. t. 53 B; Id. Fil. Exot. i. t. 36.—*

*Jamaica; Cuba (Wright 844).—Sloane i. t. 26, fig. 1.*

[*Gen. 70. Sp. 1601.*]

- Fadyenia prolifera*, *J. Sm. Hook. Journ. Bot.* iv. 187; *Id. Cat. Ferns*, 54; *Fée, Gen. Fil.* 317; *Moore et Houlet. Gard. Mag. Bot.* iii. 292, fig. 68, et tab.; *Kze. Lin.* xxiii. 253; *Lowe, Ferns* vi. t. 2.  
*Aspidium proliferum*, *Hook. et Grev. Icon. Fil.* t. 96.  
*Aspidium Fadyenia*, *Matten. Fil. Lips.* 95, t. 23, fig. 13, 14; *Id. Aspid.* 35.  
*Aspidium Hookeri*, *Sweet, Hort. Brit.* 679.  
*Asplenium proliferum*, *Sw. Prod.* 129—f. *Kze.*; *Id. Syn. Fil.* 74; *Poir. Enc. Supp.* ii. 502; *Willd. Sp. Pl.* v. 304; *Spreng. Syst.* 80; *Desv. Prod.* 269.  
*Polystichum* ? *Grevillanum*, *Presl, Tent. Pter.* 82.

**FÉEA**, *Bory, Dict. Class. d'Hist. Nat.* vi. 446, t. 68. [Synopsis p. cx.]

*Boryi*, Van den Bosch.—*Hymenostachys elegans*.

*botryoides*, Van den Bosch.—*Féca nana*.

*Humboldtii*, Van den Bosch.—*Trichomanes heterophyllum*.

*nana*, *Bory, Dict. Class.* vi. 446, t. 69, fig. 1.—Guiana.

*Féca nana*, *Presl, Hymen.* 10.

*Féca botryoides*, Van den Bosch, *Syn. Hym.* 6.

*Trichomanes botryoides*, *Ktze. Enum.* 263; *Spreng. Syst.* 129.

*Trichomanes nanum*, *Hook. Sp. Fil.* i. 115.

*polypodina*, *Bory*.—*Féca spicata*.

*spicata*, *Presl, Die Gefassb.* 22, t. 5, fig. 1 (stipes).—F. Guiana; Bay of Choco; Island of Gorgona; W. Indies: Jamaica, St. Vincent, Guadeloupe, Trinidad.

*Féca spicata*, Van den Bosch, *Syn. Hym.* 6.

*Féca polypodina*, *Bory, Dict. Class. d'Hist. Nat.* vi. 446, t. 69; *Presl, Hymen.* 10.

*Hymenostachys osmundioides*, *Presl, Hymen.* 11.—f. *Kze.*

*Trichomanes elegans*, *Eudge, Icon. Pl. Guian.* 24, t. 35 (spike only); *Poir. Enc. Supp.* v. 343; *Ktze. Enum.* 262, in part; *Hook. Esot. Fl.* t. 62.

*Trichomanes osmundioides*, *DC. Hb.*; *Poir. Enc. Supp.* viii. 65; *Desv. Prod.* 326.

*Trichomanes spicatum*, *Hedw. Fil.*; *Web. et Mohr. Beitr.* i. 116; *Sw. Syn. Fil.* 146; *Spreng. Syst.* 129; *J. Sw. Lond. Journ. Bot.* i. 429; *Kze. Lin.* xxiii. 296; *Hook. Sp. Fil.* i. 114; *Id. Gard. Ferns* t. 60.

*Trichomanes spicatum*, *Desv. Berl. Mag.* v. 329, t. 7, fig. 7.

*Spruceana*, Van den Bosch.—*Trichomanes Spruceanum*.

**Furcaria**, *Desvauz, Prod.* 292.

*cornuta*, *Desv.*—*Ceratopteris thalictroides*.

*thalictroides*, *Desv.*—*Ceratopteris thalictroides*.

**Galeoglossa**, *Presl, Epim. Bot.* 133.

*nummularifolia*, *Presl*.—*Niphobolus nummularifolius*.

*obovata*, *Presl*.—*Niphobolus obovatus*.

*rotundifolia*, *Presl*.—*Niphobolus nummularifolius*, *ß*.

**Garsaultia**, *Commerson MS. Hb. Mus. Par.*; *Spring, Monogr. Lycop.* ii. 269.

[Gen. 71. Sp. 1003.]

Hb. Ref.

\*\* *Sori not involucrate, i.e. naked on the veins.*

- 170.
- Gymnotheca*
- , Presl, 1845. . . . . [p. cxxi.]

*Stibasia*, Presl, 1845.(b) *Sori pedicellate.*

- 171.
- Eupodium*
- , J. Sm. 1842. . . . . [p. cxxii.]

Order—MARATTIACEÆ. Tr.—KAULFUSSINEÆ.

- 172.
- Kaulfussia*
- , Bl. 1823. . . . . [p. cxxii.]

*Macrostoma*, Hook. MS.: Presl, 1845.

Order—MARATTIACEÆ. Tribe—DANÆINEÆ.

- 173.
- Danæa*
- , Sm. 1793. . . . . [p. cxxiii.]

*Arthrodanæa*, Presl, 1845.*Holodanæa*, Presl, 1845.*Heterodanæa*, Presl, 1845.? *Danæopala*, Presl, 1845.

Order—OPHIOGLOSSACEÆ.

(a) *Fructifications paniculate, on a contracted rachiform branch.*

- 174.
- Botrychium*
- , Sw. 1800. . . . . [p. cxxiii.]

*Osunda*, Bernh. 1800.*Botrypus*, Rich.: Mich. 1803.(b) *Fructifications spicate, the spore cases arranged in crowded glomerate tufts, forming distichous spikes.*

- 175.
- Helminthostachys*
- , Klz. 1824. . . . . [p. cxxiv.]

*Botryopteris*, Presl, 1825.*Ophiala*, Desv. 1827.(c) *Fructifications spicate, the spore-cases arranged in a single marginal series.*

- 176.
- Ophioglossum*
- , Lin. 1737. . . . . [p. cxxiv.]

*Ophioderma*, (Bl. 1823): Endl.

1836.

*Rhizoglossum*, Presl, 1845.*Chetroglossa*, Presl, 1845.*Cassiopteris*, Karst. MS.:

Kl. 1847.

Order—LYCOPODIACEÆ.

§ 1. PHYLLOGLOSSEÆ.

- 177.
- Phylloglossum*
- , Kze. 1843. . . . . [p. cxxiv.]

May, 1892.

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§ 2. LYCOPODIEÆ.

(a) *Fructifications consisting of antheridia only.*

\* *Spore-cases one-celled.*

178. *Lycopodium*, *Lin.* 1787. . . . . [p. cxxvi.]

<i>Selago</i> , <i>Dill.</i> 1741.	<i>Plananthis</i> , <i>Pal. de B.</i> 1806.
<i>Huperzia</i> , <i>Bernh.</i> 1800.	<i>Chamaeclinis</i> , <i>Mart.</i> 1829.
<i>Lepidotis</i> , <i>Pal. de B.</i> 1806.	<i>Diphasium</i> , <i>Presl</i> , 1847.

\*\* *Spore-cases two-lobed, the lobes one-celled.*

179. *Tmesipteris*, *Bernh.* 1800. . . . . [p. cxxvii.]

*Tmesopteris*, *Kze.* 1850.

\*\*\* *Spore-cases three-celled.*

180. *Pailotum*, *Sw.* 1800. . . . . [p. cxxvii.]

<i>Bernhardia</i> , <i>Willd.</i> 1802.	<i>Garsaultia</i> , <i>Commerson MS.</i>
<i>Hoffmannia</i> , <i>Willd.</i>	<i>Spring</i> , 1848.
<i>Ipphia</i> , <i>Noronha</i> , 1811.	<i>Buchosia</i> , <i>Commerson MS.</i>
<i>Tristeca</i> , <i>F. de Beauv. MS.</i>	<i>Spring</i> , 1848.
<i>Desv.</i> 1827.	

(b) *Fructifications comprising both antheridia and oophoridia.*

181. *Selaginella*, *P. B.* 1805: *Spring*, 1838. [cxxvii.]

<i>Mirman</i> , <i>Adans.</i> 1763.	<i>Gymnogynum</i> , <i>Pal. de B.</i> 1806.
<i>Acopidium</i> , <i>Necker</i> , 1780.	<i>Didichis</i> , <i>Pal. de B.</i> 1806.
<i>Diplostachyum</i> , <i>Pal. de B.</i> 1806.	<i>Stachygynandrium</i> , <i>P. B.</i> 1806.

Order—MARSILEACEÆ.

§ 1. ISOETEE.

182. *Isoetes*, *Lin.* 1754. . . . . [p. cxxviii.]

*Calamaria*, *Dill.* 1741.

§ 2. SALVINIEÆ.

(a) *Conceptacles cymose.*

183. *Salvinia*, *Michx.* 1729. *Schreb.* 1791. [p. cxxix.]

(b) *Conceptacles binate.*

184. *Azolla*, *Lam.* 1789. . . . . [p. cxxix.]

<i>Carpanthus</i> , <i>Rafn.</i>	<i>Rhizosperma</i> , <i>Meyen</i> , 1836.
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§ 3. PILULARIEÆ.

185. *Pilularia*, *Lin.* 1754. . . . . [p. cxxx.]

§ 4. MARSILEÆ.

186. *Marsilea*, *Lin.* 1787. . . . . [p. cxxx.]

<i>Lemna</i> , <i>Juss.</i> 1789.	<i>Zaluzanakis</i> , <i>Neck.</i> 1790.
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## ADDENDA.

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### § 3. LOMARIÆ (page xxv.)

19\*. **BLECHNIDIUM**, Moore, *Ferns of Gt. Brit., Nature-printed*, octavo ed. ii. 210, in obs.

*BLECHNI*, sp. Hooker.

*Sori* indusiate, linear, continuous, on a transverse *receptacle* approximate to the costa. *Indusium* linear, opening along the inward side. *Veins* springing from a central costa, immersed; *venules* reticulated, forming a series of large angular areoles next the costa, other narrower ones often extending nearly to the margin; ultimate *veinlets* free and thickened at the apex.

Fronde pinnatifid, subcoriaceous, with opaque black stipites in the only species yet known.—This genus is exactly the counterpart of *Blechnum* in all but the venation of the fronds, which is distinctly, not casually or accidentally, reticulated. The only species *B. melanopus* is an Indian fern, having much resemblance to *Blechnum occidentale*.

Ex.: *B. melanopus*, Moore.

### § 17. PLATYLOMÆ (page lxi.)

93\*. **PLAGIOGYRIA**, Kunze, *Schr. Supp.* ii. 61 (§); *Mettenius, Abh. Senckenb. Nat. Ges. Frankf.* ii, t. 15; *Id. Über ein Farn-gatt.* ii. *Plagiogyria* 1, cum tab. (reprint).

*LOMARIE* sp. Auct.; *ACROSTICHI* sp., Wallich.; *STENOCHLÆNE* sp. Auct.

*Sori* spuriously indusiate, marginal, short oblong, the *receptacles* of the same form, terminal on the veins, contiguous, the obliquely-ringed spore-cases becoming laterally confluent into a

linear mass, on each side of the costa of the contracted pinnae. *Indusium* (spurious) formed of the inflexed attenuated margin. *Veins* simple or forked from a central costa; *venules* parallel, free, their apices longitudinally soriferous in the fertile fronds.

Fronds pinnate, the fertile contracted, resembling those of *Lomaria* in everything but the position of the receptacles, which are parallel with and not transverse to the veins. Stipes usually furnished with several prominent gland-like bodies (*aërophora Metten.*) at the base; similar bodies often occur also at the base of the pinnae. Caudex thick, short, erect or decumbent. —The species composing this genus we had formerly referred to *Lomaria*, as is done by most authors, but they prove to have the sori arranged as in the *Platylomea*, namely, in short laterally contiguous lines along the ends of the veins, and hence have no real structural affinity with *Lomaria*, in which the receptacle of the sori is linear continuous, and transverse to the veins. We accordingly follow Kunze and Mettenius in separating them. The oblique ring to the spore-case is anomalous among the *Polypodiaceæ* in which the ring is normally vertical; and in this peculiarity of structure, but this only, they approach the *Cyatheaceæ*.

Ex.: *P. biserrata*, *Metten.*  
*P. glauca*, *Metten.*

| *P. triquetra*, *Metten.*  
| *P. pycnophylla*, *Metten.*

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185. Pilularia, <i>Linneus</i> .....	cxxx. .... cliv.	
14. Photinopteris, <i>J. Smith</i> ...	xxii. .... cxxxiii. ...	IX A.
104. Phlebodium, <i>R. Brown</i> ...	lxxii..... cxliii. ....	LVIII.
177. Phylloglossum, <i>Kunze</i> ...	cxxv..... cliii	
93*. Plagiogyria, <i>Kunze</i> .....	cxli. .... cxlv.	
15. Platycerium, <i>Desvaux</i> ...	xxii. .... cxxxiii. ...	IX B.
93. Platyloma, <i>J. Smith</i> ....	lxvi. .... cxli .....	LII B.
151. Platyroma, <i>R. Brown</i> ...	cvii. .... cl. ....	LXXXVII A.
48. Plecosorus, <i>Fée</i> .....	xl. .... cxxxvi. ...	XXVIII A.
120. Plecnemia, <i>Presl</i> .....	lxxxvi. ... cxlv. ....	LXX A.
108. Pleopeltis, <i>H. &amp; Bonpl.</i>	lxxvi..... cxliv. ....	LXII.
24. Pleurogramma, <i>Blume</i> ...	xxvii..... cxxxiv. ...	XIV A.
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64. Pterozonium, <i>Fée</i> .....	lxi..... cxl. ....	XLVII B.
180. Psilotum, <i>Swartz</i> .....	cxxvii. ... cliv.	
2. Rhipidopteris, <i>Schott</i> ...	xv..... cxxxi.....	II A.
21. Sadleria, <i>Kaulfuss</i> .....	xxv. .... cxxxiii. ...	XII B.
119. Sagenia, <i>Presl</i> .....	lxxxv. ... cxlv.....	LXIX.
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40. Schizoloma, <i>Gaudichaud</i>	xxxv. .... cxxxv.....	XXIII A.
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68. Scolopendrium, <i>Smith</i> ...	lii..... cxxxix. ...	XXXIX B.
7. Soromanes, <i>Fée</i> .....	xviii..... cxxxii.....	IV B.

GENUS.	PAGE.	PLATE.
88. <i>Stegnogramma</i> , <i>Blume</i> lxiii. .... cxli .....	L B.	
5. <i>Stenochlæna</i> , <i>J. Smith</i> ... xvii. .... cxxxi.....	III B.	
10. <i>Stenosemia</i> , <i>Presl</i> ..... xx. .... cxxxii.....	VI B.	
97. <i>Struthiopteris</i> , <i>Willdenow</i> lxviii..... cxlii.....	LIV B.	
82. <i>Syngamma</i> , <i>J. Smith</i> ... lix..... cxl.....	XLVI B.	
37. <i>Tæniopsis</i> , <i>J. Smith</i> ..... xxxiii. ... cxxxv.....	XX B.	
30. <i>Tænitis</i> , <i>Willdenow</i> ..... xxx. .... cxxxiv.....	XVII A.	
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107. <i>Todea</i> , <i>Willdenow</i> ..... cxix. .... clii.....	XCv.	
64. <i>Thamnopteris</i> , <i>Presl</i> ... l. .... cxxxviii....	XXXVII B.	
144. <i>Thyrsopteris</i> , <i>Kunze</i> ..... cii..... cxlix. ....	LXXXIII B.	
154. <i>Trichomanes</i> , <i>Linnaeus</i> ... cix. .... cl. ....	LXXXVIII B.	
164. <i>Trochopteris</i> , <i>Gardner</i> . cxvii. .... clii.....	XCIII B.	
38. <i>Vittaria</i> , <i>Smith</i> ..... xxxiii. ... cxxxv. ....	XXI.	
142. <i>Woodsia</i> , <i>R. Brown</i> ..... c. .... cxlix. ....	LXXXII.	
57. <i>Woodwardia</i> , <i>Smith</i> ..... xlv. .... cxxxvii. ...	XXXIII B.	
25. <i>Xiphopteris</i> , <i>Kaulfuss</i> ... xxvii. .... cxxxiv. ...	XIV B.	

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## PLATE LXXIII.

---

### A

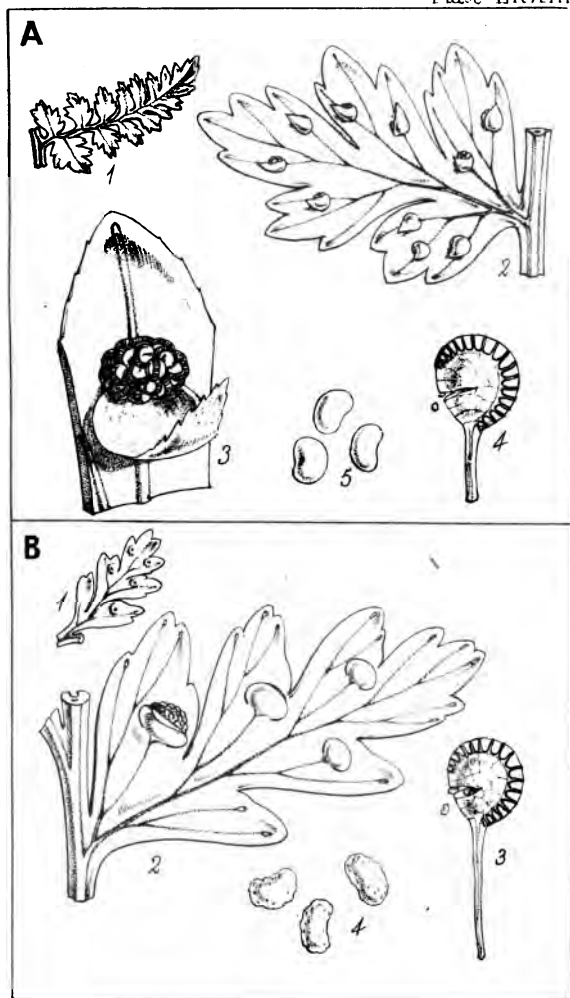
GEN. 125.—**CYSTOPTERIS**, *Bernhardi*. [Synop. p. xc.]

- FIG. 1. Pinna of *CYSTOPTERIS FRAGILIS*, *Bernh.* (n. s.)  
2. Pinnule of the same, enlarged.  
3. A small portion, still more enlarged, showing a sorus with indusium.  
4. Spore-case.  
5. Spores.
- 

### B.

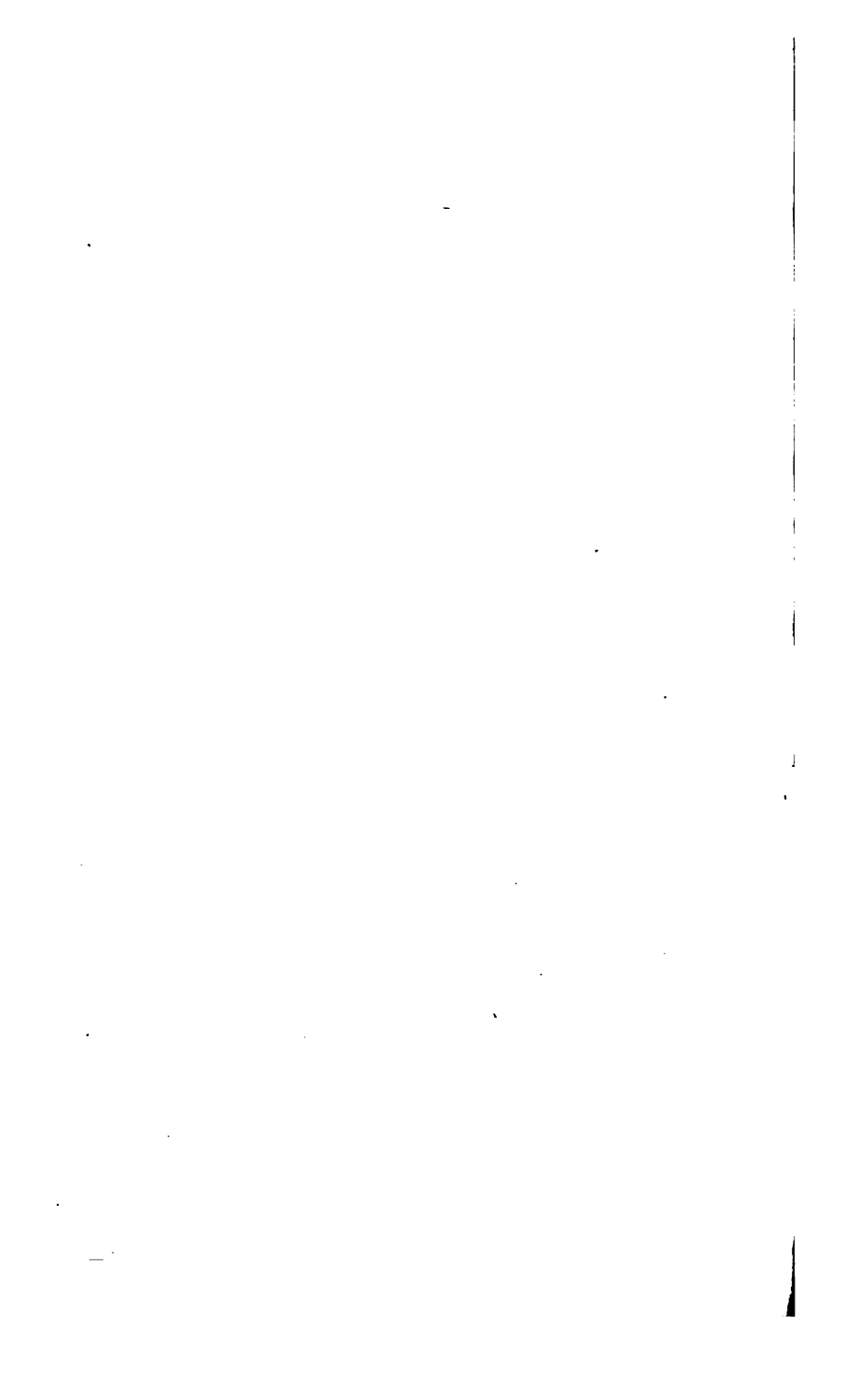
GEN. 126.—**ACROPHORUS**, *Presl.* [Synopsis p. xci.]

- FIG 1. Segment of *ACROPHORUS IMMERUS*, *Moore*, (n. s.) showing the upper surface.  
2. Segment of the same, enlarged, showing the under surface, with sori.  
3. Spore-case.  
4. Spores.

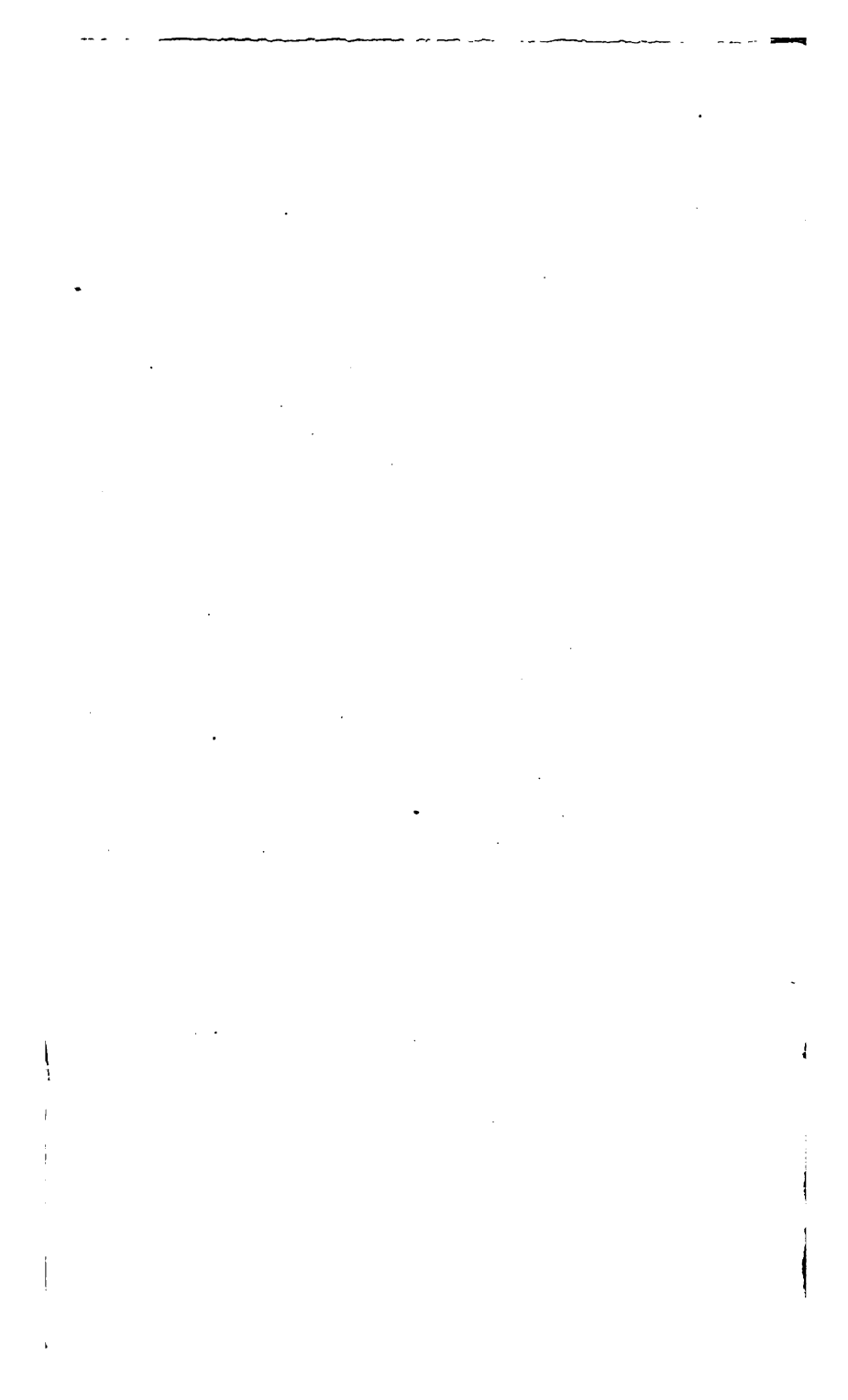


Fitch, del.

**A.** *Cystopteris* **B.** *Acrophorus*.







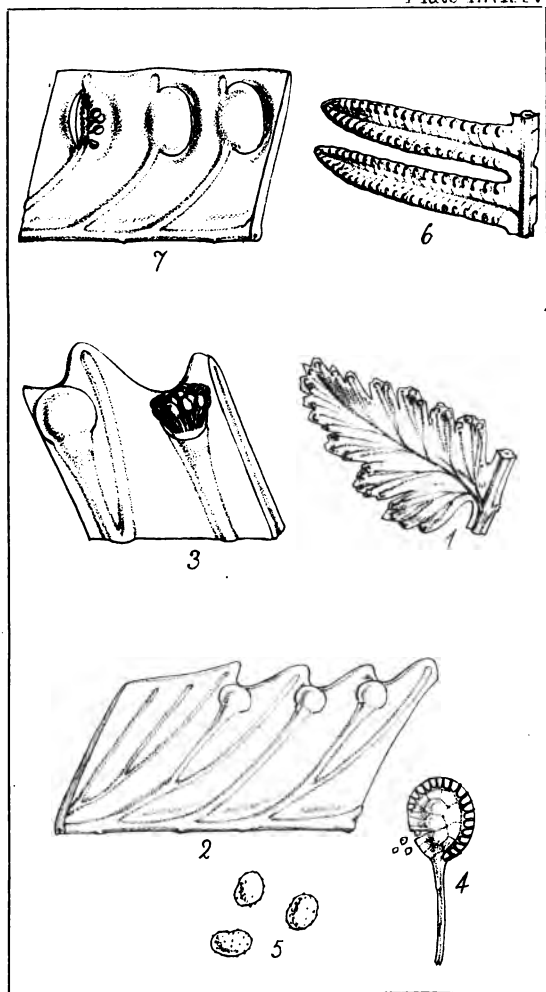
## PLATE LXXIV.

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### GEN. 127.—**HUMATA**, *Cavanilles*. [Synopsis p. xci.]

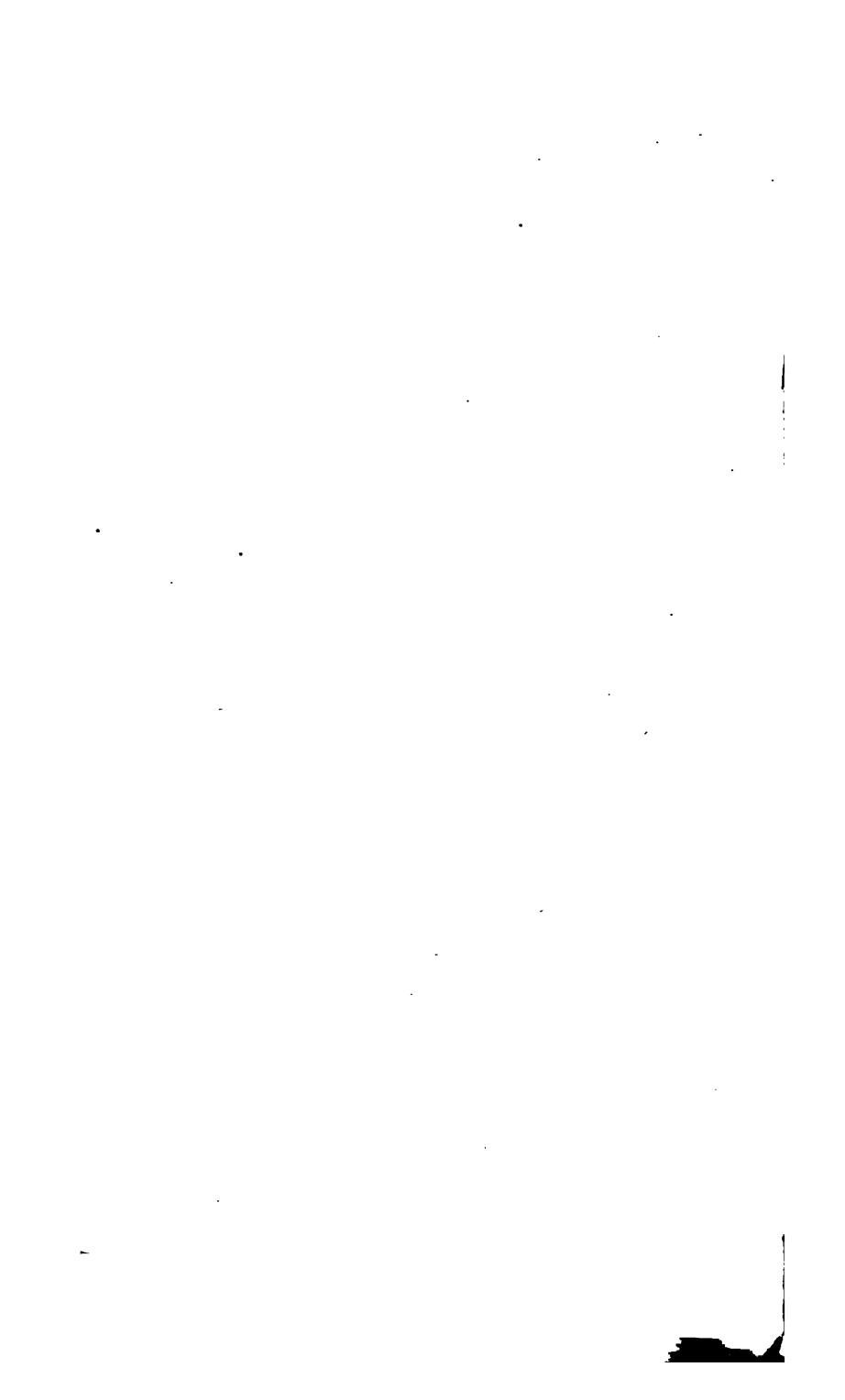
FIG. 1. Segment of *HUMATA PEDATA*, *J. Sm.* (n. s.)

2. Part of the same, enlarged.
3. A small fragment, still more enlarged, showing the sori and indusia.
4. Spore-case.
5. Spores.
6. Segments of *HUMATA GAIMARDIANA*, *J. Sm.* (n. s.)
7. Fragment of the same, enlarged, showing the oblique sori.



Fitch, del.

Humata.





## PLATE LXXV.

---

### A.

GEN. 128.—**MICROLEPIA**, *Presl*. [Synopsis p. xcii.]

- FIG. 1. Segment of *MICROLEPIA PLATYPHYLLA*, *J. Sm.* (n. s.)  
2. A small portion, enlarged, showing the sori and indusia.  
3. Spore-case.  
4. Spores.
- 

### B.

GEN. 129.—**DAVALLIA**, *Smith*. [Synopsis p. xciii.]

- FIG. 1. Segment of *DAVALLIA TENUIFOLIA*, *Sw.* (n. s.)  
2. Segment of the same, enlarged.  
3. A small portion, more enlarged, showing the sori and cup-shaped indusia.  
4. Spore-case.  
5. Spores.  
6. Fragment of *DAVALLIA ORNATA*, *Wall.* showing the sori and tubulose indusia.

**A**

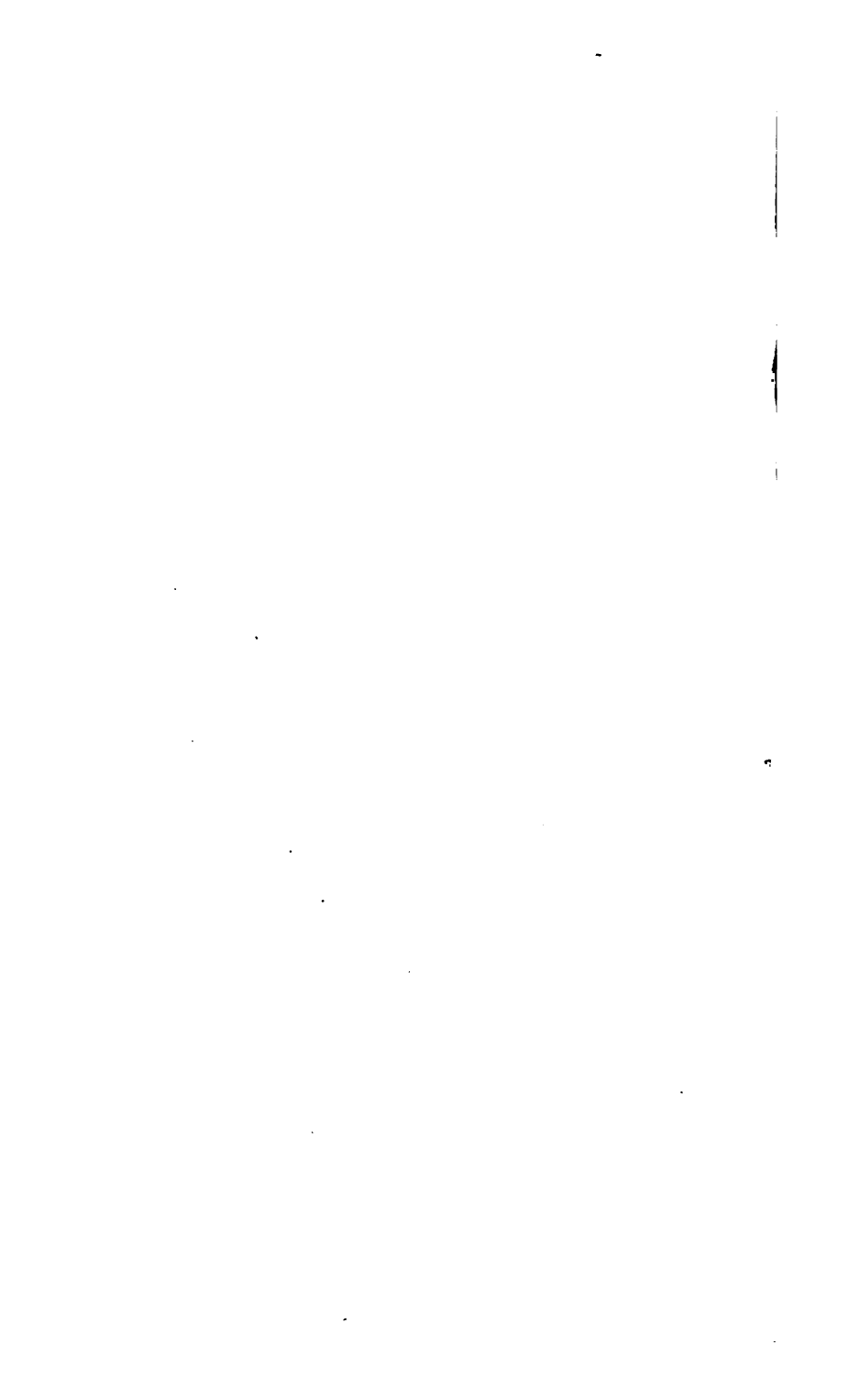


**B**



Fitch del.

**A.** *Microlepia* **B.** *Davallia*.







## PLATE LXXVI.

---

### A.

GEN. 130.—**LOXOSCAPHE**, *Moore*. [Synopsis p. xciii.]

FIG. 1. Portion of a frond of *LOXOSCAPHE GIBBEROSUM*, *Moore*.  
(n. s.)

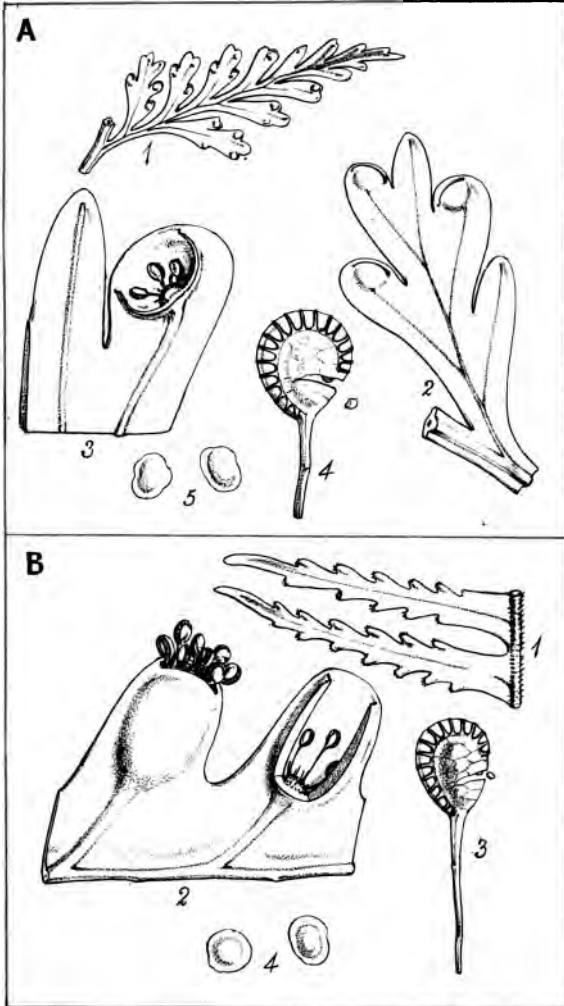
2. Segment of the same, enlarged.
  3. A small portion, more enlarged, showing the oblique sorus and cup-like indusia.
  4. Spore-case.
  5. Spores.
- 

### B.

GEN. 131.—**PROSAPTIA**, *Presl*. [Synopsis p. xciv.]

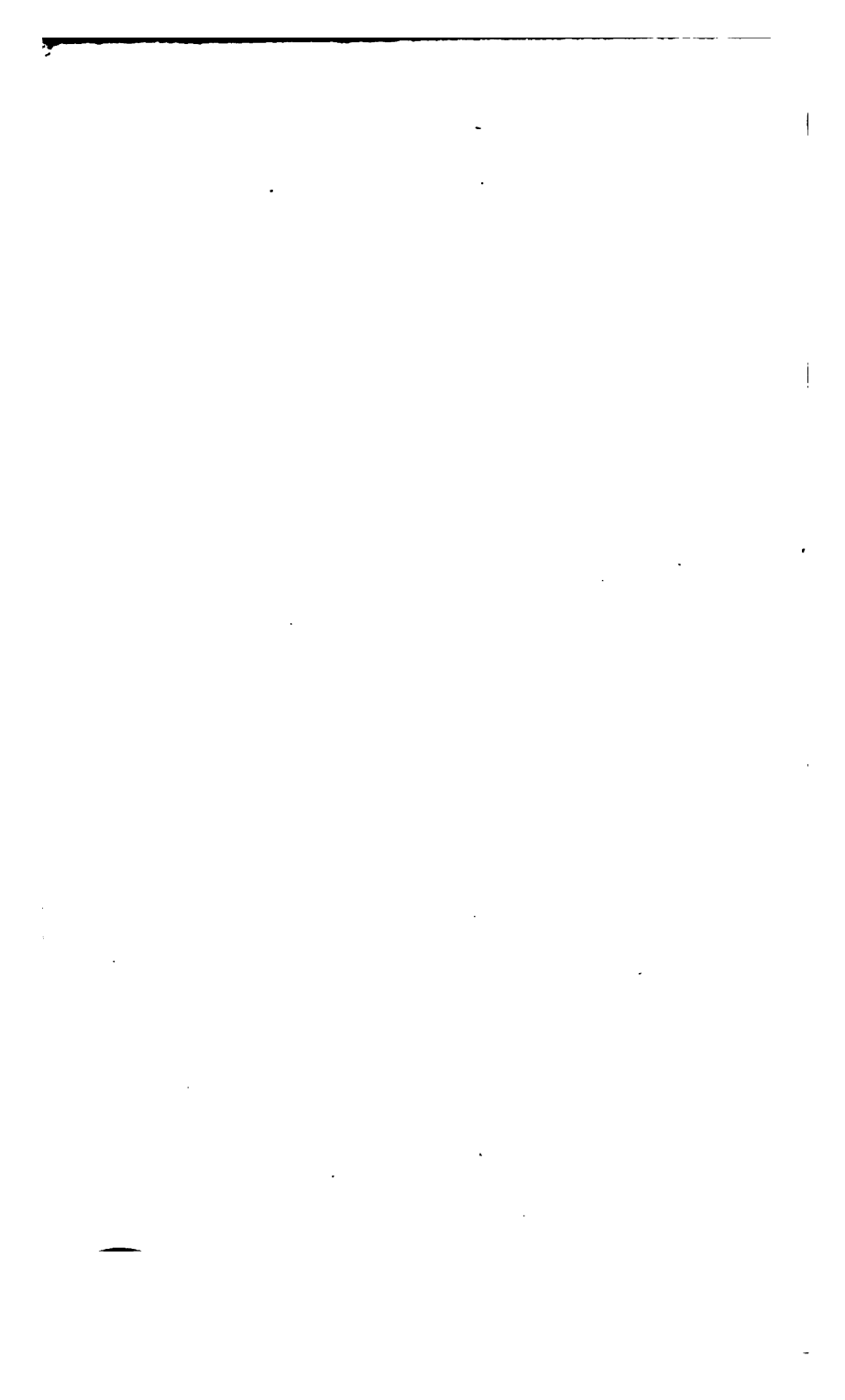
FIG. 1. Pinnae of *PROSAPTIA CONTIGUA*, *Presl*. (n. s.)

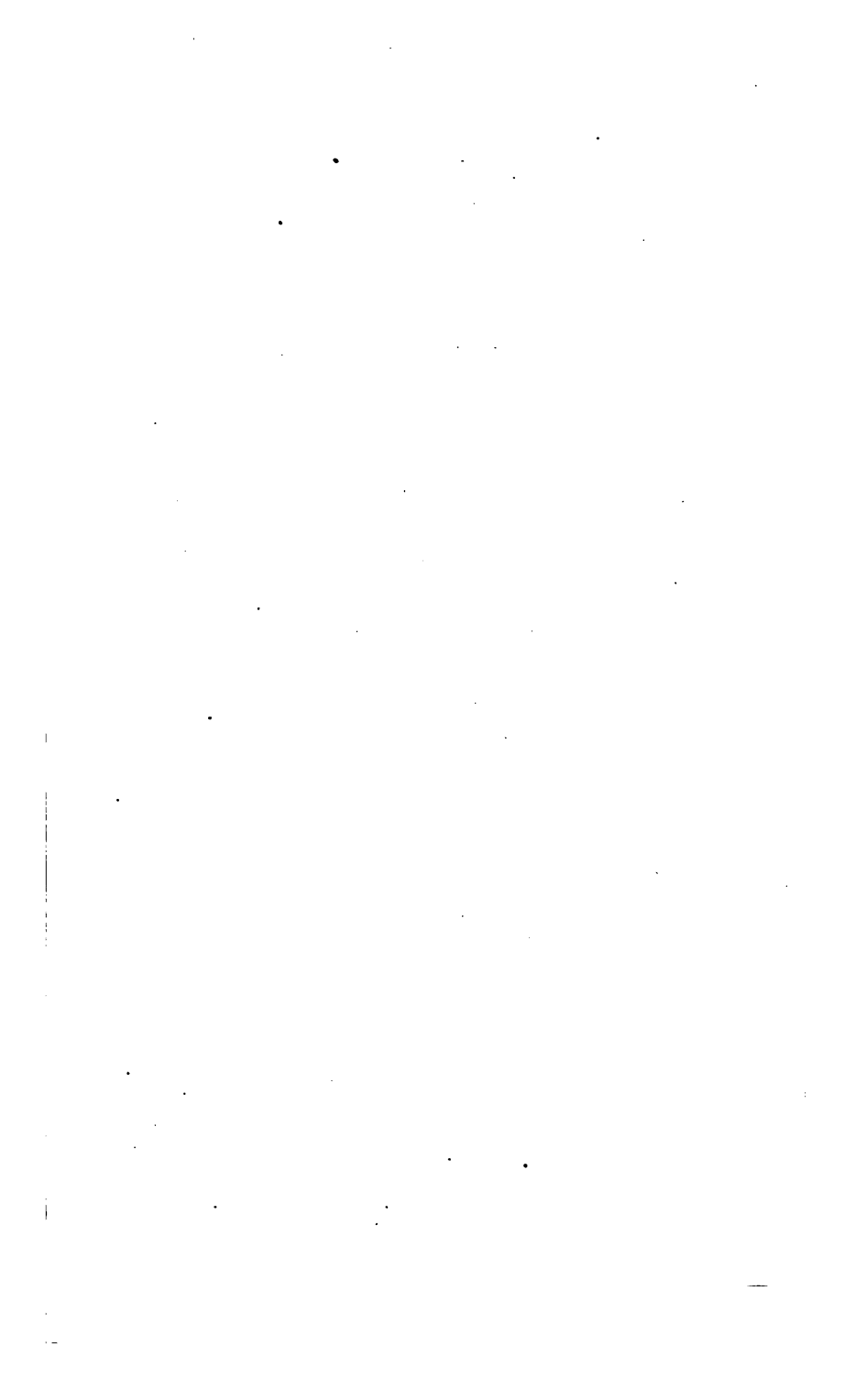
2. Fragment of the same, enlarged, showing the sori, sunk in marginal cysts, and having coriaceo-herbaceous indusia.
3. Spore-case.
4. Spores.



Fitch del.

**A.**Loxoscaphe **B.**Prosaptia.





## PLATE LXXV.

---

### A.

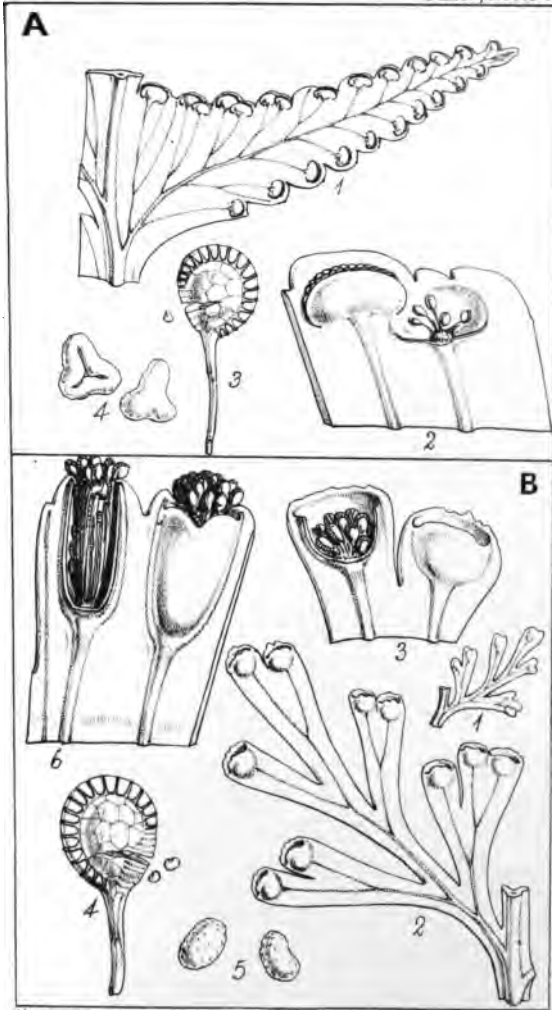
GEN. 128.—**MICROLEPIA**, *Presl*. [Synopsis p. xcii.]

- FIG. 1. Segment of *MICROLEPIA PLATYPHYLLA*, *J. Sm.* (n. s.)  
2. A small portion, enlarged, showing the sori and indusia.  
3. Spore-case.  
4. Spores.
- 

### B.

GEN. 129.—**DAVALLIA**, *Smith*. [Synopsis p. xciii.]

- FIG. 1. Segment of *DAVALLIA TENUIPOLIA*, *Sw.* (n. s.)  
2. Segment of the same, enlarged.  
3. A small portion, more enlarged, showing the sori and cup-shaped indusia.  
4. Spore-case.  
5. Spores.  
6. Fragment of *DAVALLIA ORNATA*, *Wall.* showing the sori and tubulose indusia.



Fitch del.,

**A.** *Microlepia* **B.** *Davallia*.







## PLATE LXXVIII.

---

### A.

GEN. 134.—**PÆSIA**, *St. Hilaire*. [Synopsis p. xcvi.]

FIG. 1. Portion of frond of *PÆSIA VISCOSA*, *St. Hil.* (n. s.)

2. Fragment of the same, enlarged, showing the glandular surface, and the sorus with double indusium. (See *PTERIS AQUILINA*, plate XXX, fig. 5-6).

3. Spore-case,

4. Spores.

---

### B.

GEN. 135.—**CIBOTIUM**, *Kaulfuss*. [Synopsis p. xcvi.]

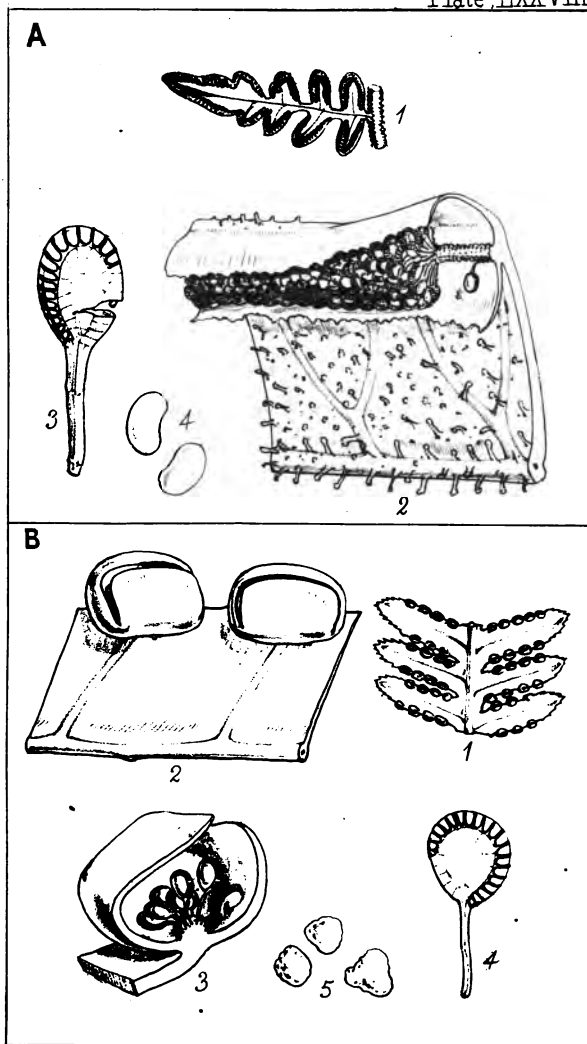
FIG. 1. Portion of frond of *CIBOTIUM BAROMETZ*, *J. Sm.* (n. s.)

2. Fragment of the same, enlarged, showing the two-valved indusia.

3. Sectional view of a sorus, more enlarged.

4. Spore-case,

5. Spores.



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A. *Pæsia* B. *Cibotium*.



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**Gastromeria.—Gleichenia.**

373

*minutiflora*, Commers. MS.—*Psilotum triquetrum*.

**Gastromeria**, *J. Smith MS. in Hb.*—**LOXOSCAPHE.**

**Gisopteris**, *Bernhardi*, *Schrad. Journ.* 1800, ii. 129, t. 2, fig. 1.  
*palmata*, Bernh.—*Lygodium palmatum*.

**Glaphyopteris**, *Presl, Die Gefassb.* 36, in note.

*decussata*, Presl.—*Polypodium decussatum*.

*rudis*, Presl.—*Polypodium rude*.

**GLEICHENIA**, *Smith, Mem. Acad. Turin.* v. 419, t. 9.  
[Synopsis p. cvii.]

*acutifolia*, *Hook. Sp. Fil.* i. 7, t. 8 A.—Patagonia; Tierra del Fuego.

*Mertensia acutifolia*, *Brack. U.S. Expl. Exped.* xvi. 293; *Fée, Gay, Chil.* vi. 540; *Sturm, Enum. Chil.* 45.  
(An *Gleichenia quadripartita*.)

*alpina*, R. Br.—*Gleichenia dicarpa*,  $\beta$ .

*arachnoidea*, A. Cunn. MS.—*Gleichenia Cunninghamii*,

*argentea*, Kfz.—*Gleichenia polypodioides*,  $\beta$ .

*attenuata*, *Wall. Cat.* 156.—Penang; Java.

*Gleichenia bracteata*, *Blume Hb.*

? *Polypodium furcatum*, *Kozb. Calo. Journ. Nat. Hist.* iv. 493 (Penang).

*Bancroftii*, *Hook. Sp. Fil.* i. 5, t. 4 A.—W. Indies: Jamaica (*Wilson* 721), Martinique, Guadeloupe (*L'Herm.* 3); N. W. Mexico (*Seem.* 1926); Venezuela (*Fendl.* 45; *F. et Schl.* 1903), Caraccas (*Moritz* 105).

*Gleichenia Bancroftii*, *Metten. Fil. Lips.* 113.

*Mertensia Bancroftii*, *Kze. Lin.* xviii. 307; *Kl. Lin.* xviii. 538; *Presl, Epim. Bot.* 28; *Liebm. Mez. Bregm.* 144.

*Mertensia decurrens*, *Kl. MS.*

*Mertensia L'Herminieri*, *Bory MS.* (1848)—f. *Kze.*

— $\beta$ . *vitellina*, (*Kze. Lin.* xviii. 307; *Id. Bot. Zeit.* iii. 282).

—Mexico (*Leibold* 108); Caraccas (*Moritz* i. 11).

*bifida*, *Spreng. Syst.* iv. 27.—Caraccas; Brazil (*Brack.*)

*Mertensia bifida*, *Willd. Act. Holm.* 1804, 183. t. 5, fig. B; *Id. Sp. Pl.* v. 73; *Poir. Enc. Supp.* iii. 668; *Sw. Syn. Fil.* 164; *Desc. Prod.* 201; *Presl, Tent. Pter.* 51; *Brack. U.S. Exped.* xvi. 295.

*bifurcata*, *Bl. Enum.* 250.—Java (*Zoll.* 772); Malacca (*Cuming* 377); Mount Ophir (*Wight* 252).

*Gleichenia bifurcata*, *J. Sm. Hook. Journ.* iii. 420; *Hook. Sp. Fil.* i. 11

*Mertensia bifurcata*, *Kze. Bot. Zeit.* iv. 418; *Presl, Die Gefassb.* 30, in note; *J. Sm. Lond. Journ. Bot.* ii. 381.

*Mertensia plumaeformis*, *Presl, Die Gefassb.* i. 30, t. 6, fig. 5; *Id. Epim. Bot.* 24, t. 15.

*Mesosorus bifurcatus*, *Hasskl. Fil. Jav.* 8.

Bory, *Kze. Schkr. Supp.* i. 162, t. 70, fig. 1.—Bourbon.

*Gleicheniastrum* Bory, *Presl, Die Gefassb.* 30, in note.

*bracteata*, Blume Hb.—*Gleichenia attenuata*.

*brasiliensis*, Spreng.—*Gleichenia pectinata*,  $\beta$ .

*bullata*, M\*—Borneo: Kina Baloo; Java (*De Vriese* 458).

*circinata*, Sw. *Schrad. Journ.* 1800, ii. 107; *Id. Syn. Fil.* 165, 394.—New Holland: Sydney, Broken Bay, Hunter's River; Tasmania; New Zealand (*Mossman* 664 in part; *Ralph* 48).

*Gleichenia circinata*, *Willd. Sp. Pl.* v. 70; *Desc. Prod.* 200.

*Gleichenia microphylla*, *R. Br. Prod. Fl. Nov. Holl.* 161; *Hook. Sp. Fil.* i. 3; *Id. Gen. Fil.* t. 41 B; *Spreng. Syst.* 26; *J. Sm. Lond. Journ. Bot.* ii. 380; *Kze. Lin.* xxiii. 254; *Gaud. Freyc. Voy.* 300; *Lowe, Ferns* viii. t. 47.

*Gleichenia procera*, *Colenso MS.*

*Gleichenia Speluncæ*, *Guillém. Icon. Pl. Aust. Rar.* 8, t. 13.

*Gleicheniastrum microphyllum*, *Presl, Die Gefassb.* 30, in note.

*Mertensia circinata*, *Poir. Enc. Supp.* iii. 669.

*Mertensia microphylla*, *Ktze. Enum.* 41.

*Platzoma ferrugineum*, *Desc. Prod.* 199.

*Platzoma recurvum*, *Desc. Prod.* 199.

—*B. semivestita*, M.—New Caledonia; New Zealand; Java; Celebes; Malacca (*Cuming* 402); Mt. Ophir (*Wight* 253); Singapore.

*Gleichenia semivestita*, *Labillard. Ser. Nov. Cal.* 8, t. 11; *J. Sm.*

*Phil. J. Bot.* iii. 119; *Hook. Sp. Fil.* i. 3, t. 2 A; *Lowe, Ferns* viii. t. 47.

*Gleicheniastrum semivestitum*, *Presl, Die Gefassb.* 30, in note.

*Gleichenia chilensis*, *Hook. Sp. Fil.* i. 7, t. 6 A.—Chili: Valdivia (*Hook. Sp. Fil.* i. 7, t. 6 A; *Presl, Die Gefassb.* 30, in note); Chiloe (*Bridges* 20); Falkland Islands.

*Gleichenia chilensis*, *Hook. Sp. Fil. Lechl.* 27.

*Mertensia chilensis*, *Hook. Sp. Fil. Lechl.* 27; *Sturm, Enum. Chil.* 45.

\* *G. bullata*: habit of *G. gigantea*; primary rachis stout (nearly  $\frac{1}{2}$  in. diam.) and as well as the secondary ones rounded behind, depressed in front, slightly margined, and clothed beneath with close imbricated dark purplish brown white-fringed scales, and on the upper side with fringed silvery scales mixed with white cobwebby hairs, the surface asperous; pinnae (14-31 ft. long and 5-10 in. wide) nearly or quite bipinnate, ovate-lanceolate attenuate; pinnules oblong attenuate, deeply pinnatifid or almost pinnate; segments linear-oblong shortish obtuse, crowded, their base elevated in a ridge-like form along each side of the rachis, the margins strongly recurved, somewhat glaucous beneath, with the forked veins very prominent, the upper surface convex and bullate between the sunken venation: ultimate rachides and costae asperous, densely clothed on the lower side with fringed tawny scales; sori 3-4, seated amongst fringed scales.—This fine species occurs in exposed places on the ridges of Kina Baloo in Borneo, where it was found by Hugh Low, Esq., to whom we are indebted for specimens. It differs from *G. gigantea*, to which it is most nearly allied, in its vestiture, in its asperous rachides and costae, and in the form of its segments.

[*Gen.* 73. *Sp.* 1613.]

*Cumingiana*, Hook.—*Gleichenia pectinata*.

*Cunninghamii*, *Heward MS.*; *Hook. Sp. Fil.* i. 6, t. 6 B.—  
New Zealand (*Ralph 47.*)

*Gleichenia Cunninghamii*, *Hook. fl. Fl. New Zealand* ii. 8, t. 71.

*Gleichenia arachnoidea*, *A. Cunn. MS.*; *Colenso, Tasm. Journ. Nat. Sc.* ii. 162, in obs.

*Gleichenia intermedia*, *Colenso MS.*: *Hb. Hook.*

*Gleichenia venosa*, *Colenso MS.*: *Hb. Hook.*

*Mertensia Cunninghamii*, *J. Sm. Hook. Lond. Journ. Bot.* ii. 381.

*dicarpa*, *R. Br. Prod. Fl. Nov. Holl.* 161.—Tasmania; Bass's Straits; New Holland (*Sieb. Syn. Fil.* 230): Port Jackson, Moreton Bay; Broken Bay; Australia Felix; Victoria; Isle of Pines; New Caledonia.

*Gleichenia dicarpa*, *Spreng. Syst.* 26; *Hook. Sp. Fil.* i. 3, t. 1 C; *Id. Fil. Exot.* i. t. 40; *Kze. Scher. Suppl.* 184, t. 70, fig. 2; *Hook. fl. Fl. N. Zealand* ii. 5; *J. Sm. Lond. Journ. Bot.* ii. 390; *Moore et Houlet. Gard. Comp.* 139, fig. 82; *Metten. Fil. Lips.* 113; *Lowe, Ferns* viii. t. 48.

*Calymella dicarpa*, *Presl, Die Gefassb.* 30, t. 6, fig. 3 A (stipes).

*Calymella microphylla*, *Presl, Tent. Pter.* 49, t. 1, fig. 3.—*f. Presl.*

*Gleichenia hecistophylla*, *A. Cunn. Comp. Bot. Mag.* ii. 361; *Hook. Sp. Fil.* i. 4, t. 2 B (excl. syn. *J. Sm.*); *J. Sm. Lond. Journ. Bot.* ii. 380.

*Gleichenia microphylla*, *Sieb. Syn. fl.* 89; *Id. Fl. Mist.* 230.

*Gleichenia semivestita*, *β. hecistophylla*, *Hook. fl. Fl. N. Zealand* ii. 5.

*Mertensia dicarpa*, *Poir. Enc. Suppl.* iii. 670.

*Platyzoma dicarpum*, *Desv. Prod.* 199.

—*β. alpina*, *Hook. fl. Fl. N. Zealand* ii. 5.—Tasmania (*Mossman 654*); Australian Alps; New Zealand (*Ralph 48*, in part); Java (*Zoll. 1900*); Celebes; Malacca.

*Calymella alpina*, *Presl, Tent. Pter.* 49.

*Calymella vulcanica*, *Presl, Die Gefassb.* 30, in note.

*Gleichenia alpina*, *R. Br. Prod. Fl. Nov. Holl.* 161; *Spreng. Syst.* 26; *Hook. et Grev. Icon. Fil.* t. 58; *Hook. Sp. Fil.* i. 2; *J. Sm. Lond. Journ. Bot.* ii. 390.

*Gleichenia dicarpa*, *β. Hook. Fil. Exot.* under t. 40.

*Gleichenia Hookeriana*, *Colenso MS.*: *Hb. Hook.*

*Gleichenia vulcanica*, *Bl. Enum.* 251 (larger); *Hook. Sp. Fil.* i. 4; *Kze. Bot. Zeit.* vi. 100; *Brack. U.S. Expl. Exped.* xvi. 291; *Hassk. Fil. Jav.* 1.

*Mertensia alpina*, *Poir. Enc. Suppl.* iii. 670.

*Platyzoma alpinum*, *Desv. Prod.* 199.

—*γ. major*, *M.*—Tasmania; New Zealand; (*Mossman 664*, in part); Mount Lindsay, Victoria.

*Gleichenia hecistophylla*, *Hort. plur.*; *Lowe, Ferns* viii. t. 52.

—*δ. glauca*, *M.*

*Gleichenia scandens*, *Hort. Loddiges.*

*Gleichenia hecistophylla*, *Hort. var.*

*dichotoma*, *Hook. Sp. Fil.* i. 12.—India (*Hook. fl. et Th.* 343): Malabar, Neilgherries (*Schmid 95, 158*; *Weigle 2*; *Kurr 25*; *Hohen. 1255*; *Perottet 1761*; *Wight 252, 255*), Con-

can, Canara (*Hohen.* 608), Nepal, Sylhet, Kumaon, Tenasserim, Assam (*Wight* 250), Malacca; Malay Isl.; Indian Archipelago (*Seem.* 2298); Singapore (*Schomb.* 25); Penang; Ceylon (*Col. Perad.* 8106); Java (*Zoll.* 85, 703); Moluccas; Philippines (*Cuming* 270, in part); Amboyna; China: Chusan, Hong Kong (*Fortune* 29; *Champ.* 549); Japan; Sandwich Isles: Tahiti, Oahu, Owhyhee; Society Isles; Marquesas Isles; Wallis Isl.; Feejee Islands (*Seem.* 971); New Ireland; New Caledonia; Isle of Pines; Aneitium; New Holland: Hunter's River, York Sound, Brisbane River, Victoria River N. W. Australia; Mauritius (*Sieb. Fl. Maur.* 2; *Id. Syn. Fil.* 20); Bourbon (*Boivin* 913); Madagascar; Mayotta (*Boivin* 2384); Congo; Fernando Po (long narrow segm.); Island of St. Thomas; Sierra Leone; Brazil (*Claussen* 2102 b; *Gardn.* 5337; *Regn.* ii. 326†), Bahia, Para (*Spruce* 452); Peru (*Lechl.* 2040), Tarapota (*Spruce* 4706); Venezuela (*Fendl.* 44, 450 β; *F. et Schlim.* 503); Panama; Galapagos; W. Indies: Jamaica, Cuba (*Wright.* 922), Martinique (*Belang.* 816), Guadeloupe, Trinidad, Tobago.—*Rumph. Amb.* vi. t. 38.

*Gleichenia dichotoma*, *Lowe, Ferns* viii. t. 51.

*Gleichenia flabellata*, *Labill. Ser. Nov. Cal.* 9, t. 12.

*Gleichenia Hermannii*, *R. Br. Prod. Fl. N. Holl.* 161; *Spreng. Syst.* 26. *J. Sm. Hook. Journ. Bot.* iii. 420, *Bl. Enum.* 248; *Wall. Cat.* 155.

*Gleichenia lanigera*, *Don, Prod. Fl. Nep.* 17; *Spreng. Syst.* 25.

*Dicranopteris dichotoma*, *Bernh. Schrad. Neus Journ. Bot.* 1806, i. part 2, 16, 38, t. 3, fig. 13.

*Mertensia dichotoma*, *Willd. Act. Holm.* 1804, 167; *Id. Sp.* v. 71;

*Mertensia dichotoma*, *Don. Fil.* 25, t. 29; *Poir. Enc. Supp.* iii. 667;

*Mertensia dichotoma*, *Desv. Prod.* 200; *Schkr. Crypt.* 150, t. 148;

*Mertensia dichotoma*, *Presl, Tent. Pter.* 51; *Kze. Bot. Zeit.* vi.

*Mertensia dichotoma*, *Presl, Tent. Pter.* 287; *Mart. Icon. Crypt. Bras.* 111;

*Mertensia dichotoma*, *Journ. Bot.* ii. 381; *Brack. U.S. Expl. Exped.* xvi.

*Mertensia dichotoma*, *Phil. Lips.* 113.

*Mertensia dichotoma*, *Schrad. Gost. gel. Anz.* 1824, 563; *Mart. Icon. Crypt. Bras.* 111.—f. Hook.

*Mertensia dichotoma*, *Mart. Icon. Crypt. Bras.* 108, t. 60, fig. 1.—f. Hook.

*Mertensia Hermannii*, *Poir. Enc. Supp.* iii. 670.

*Mertensia pteridifolia*, *Presl, Die Gefassb.* i. 31, t. 6, fig. 7; *Id. Epim. Bot.* 23, t. 14.

*Mertensia pumila*, *Mart. Icon. Crypt. Bras.* 111, t. 60, f. 2.—f. Hook.

*Mertensia rigida*, *Kze. Lin.* ix. 18.

*Mertensia Sieberi*, *Presl, Tent. Pter.* 51. (*Sieb. Syn. Fil.* 20).

*Mesosorus dichotomus*, *Hassk. Fil. Jav.* 9-13.

*Polypodium dichotomum*, *Thunb. Fl. Jap.* 338, t. 37; *Forst. Prod.* n. 460; *Poir. Enc. Bot.* v. 543; *Roxb. Calc. Journ. Nat. Hist.* iv. 493.

*Polypodium lineare*, *Burm. Ind.* t. 67, fig. 2.—f. Sw.

*Sticheris lanigera*, *Presl, Tent. Pter.* 52.

—β. major, M.—Assam; Khasya (*Hook. fil. et Thomson* 844); Penang; Borneo.

*Gleichenia dichotoma*, δ. *Hook. Sp. Fil.* i. 13.

[Gen. 72. Sp. 1615.]

—*γ. mucronata*, (*Hook. Sp. Fil.* i. 13).—Malacca (*Cuming* 374).

*Gleichenia mucronata*, *Reinw.*: *J. Sm. Hook. Journ. Bot.* iii. 420.

—*δ. divaricata*, M.—Philippine Islands (*Cuming* 270, in part); Feejee Islands (*Milne* 314); Solomon Isl. (*Milne* 532); Malacca (*Wight* 251).

—*ε. rigida*, M.—Philippine Islands (*Cuming* 136).

*Gleichenia rigida*, *J. Sm. Hook. Journ. Bot.* iii. 420.

*Gleichenia dichotoma*, *β. Hook. Sp. Fil.* i. 13.

*Mertensia crassifolia*, *Presl, Die Gefussb.* i. 31, t. 6, fig. 6; *Id. Epim. Bot.* 23, t. 13.

*Mertensia Lessoni*, *Rich. Sert. Astrol.* 27.

*Mertensia rigida*, *J. Sm. Lond. Journ. Bot.* ii. 381.

—*ζ. bipinnatifida*, M.—Caraccas (*Lind.* 87).

*dichotoma*, Metten.—*Gleichenia Mathewsii*.

*emarginata*, M.—Sandwich Isles.

*Mertensia emarginata*, *Brack. U.S. Expl. Exped.* xvi. 297, t. 42.

*excelsa*, J. Sm.—*Gleichenia longissima*.

*farinosa*, *Hook. Sp. Fil.* i. 9.—Trinidad.

*Mertensia farinosa*, *Klfs. Wesen der Farrn.* 37; *Kze. Anal. Pter.* 6, t. 3.

*ferruginea*, *Bl. Enum.* 249.—Java.

*Gleichenia ferruginea*, *Hook. Sp. Fil.* i. 10; *Metten. Fil. Lips.* 113.

*flabellata*, *R. Br. Prod. Fl. Nov. Holl.* 161.—New Holland: Sydney (*Mossman* 684); Moreton Bay, Brisbane River, Hunter's River, Buffalo Range Victoria; Tasmania; New Zealand; New Ireland.

*Gleichenia flabellata*, *Spreng. Syst.* 27; *Hook. Sp. Fil.* i. 6; *Id. Fil. Exot.* i. t. 71; *Hook. fil. Fl. New Zealand* ii. 6; *Lowe, Ferns* viii. t. 50.

*Mertensia flabellata*, *Poir. Enc. Supp.* iii. 670; *Desc. Prod.* 201; *Presl, Tent. Pter.* 51; *J. Sm. Lond. Journ. Bot.* ii. 381; *Kze. Lin.* xxiii. 287; *Moore et Houlst. Gard. Comp.* 143, fig. 83.

*flabellata*, Labill.—*Gleichenia dichotoma*.

*flagellaris*, *Spreng. Syst. Veg.* iv. 25.—Mauritius; Bourbon (*Leperv.* 28); Madagascar; Feejees.

*Gleichenia flagellaris*, *Hook. Sp. Fil.* i. 10.

*Gleichenia muricata*, "*Klfs.*"; *Spreng. Syst.* iv. 27.

*Mertensia flagellaris*, *Bory MS.*; *Willd. Sp. Pl.* v. 74; *Poir. Enc. Supp.* iii. 669; *Desc. Prod.* 200; *Brack. U.S. Expl. Exped.* xvi. 294.

*Mertensia muricata*, "*Klfs.*"; *Sieb. Syn. Fil.* 18; *Id. Fl. Mixt.* 277; *Presl, Tent. Pter.* 51.

*furcata*, *Spreng. Syst.* iv. 26.—W. Indies; Brazil; Venezuela (*Otto* 629); Peru (*Ruiz. Hb.* 28); Mexico (*Ehrenb.* 843); S. Darien; Bay of Choco.—*Plum.* t. 28.

*Gleichenia pubescens*, *β. glabra*, *Hook. Sp. Fil.* i. 8.

*Aerostichum furcatum*, *Lin. Sp. Pl.* 1829; *Lam. Enc. Bot.* i. 37.  
*Mertensia furcata*, *Willd. Act. Holm.* 1804, 166; *Id. Sp. Pl.* v. 71;  
*Sm. Syn. Fil.* 163; *Poir. Enc. Supp.* iii. 667; *Desv. Prod.* 201;  
*Presl, Tent. Pter.* 51; *Mart. Icon. Crypt. Bras.* 109; *Schlecht. Lin.*  
 v. 620; *Kl. Lin.* xviii. 537; *J. Sm. Bot. Voy. Her.* i. 242; *Id. Lond.*  
*Journ. Bot.* ii. 381; *Liebm. Mex. Bregu.* 145.

*Mertensia pubescens*, *Schrad. Goett. gel. Anz.* 1824, 863.—f. *Mart.*  
*Polypodium furcatum*, *Sw. Fl. Ind. Oce.* iii. 1679; *Poir. Enc. Bot.* v. 544.

*gigantea*, *Wall. Cat.* 157, in part.—India (*Hook. fil. et Thoms.*  
 345); Nepal, Assam, Bootan, Sikkim, Khasya; China:  
 Fokien (*Hance* 2786).

*Gleichenia gigantea*, *Hook. Sp. Fil.* i. 5, t. 3 A.

*Hieropteris speciosa*, *Presl, Epim. Bot.* 28.

*Mertensia gigantea*, *Wall. Hb.: Presl, Tent. Pter.* 51; *Id. Epim. Bot.*  
 26; *Hook. Gen. Fil.* t. 39; *J. Sm. Lond. Journ. Bot.* ii. 381.

*Mesosorus giganteus*, *Hassk. Fil. Jav.* 2.

—*β. glauca*, *M.*—Java.

*Mesosorus giganteus. β. glaucus*, *Hassk. Fil. Jav.* 2.

*gigantea*, *Wall. Hb.* in part.—*Polypodium erubescens*.

*glauca*, *Hook. Sp. Fil.* i. 4, (non *Sw.*, excl. syn. *Kze. diag. et*  
*icon.*—f. *Presl.*)—Japan; Tsus Sima.

*Gleichenia japonica*, *Spreng. Syst.* 25.

*Mertensia glauca*, *Sw. Act. Holm.* 1804, 177; *Id. Syn. Fil.* 164, 390;  
*Willd. Sp. Pl.* v. 75; *Desv. Prod.* 200; *Presl, Epim. Bot.* 26; *Kze.*  
*Bot. Zeit.* vi. 492; *J. Sm. Bot. Voy. Her.* 431.

*glauca*, *Thunb. Fl. Jap.* 338; *Poir. Enc. Bot.* v. 543.

(*diag. et icon.*)—*Gleichenia pinnata*.

*Gleichenia polypodioides, β.*

*B.K.*—*Gleichenia pectinata*.

*B.K.*—Brazil.

*acilis*, *Mart. Icon. Crypt. Bras.* 107; t. 59, fig. 2.

*grandis*, *M.*—Mexico (*Schaffn.* (1854) 230); Guadeloupe.

*Mertensia grandis*, *Fée, Cat. lith. Foug. Mex.* 31.

*Mertensia longifolia*, *Schaffn. MS.*

*heciostophylla*, *A. Cunn.*—*Gleichenia dicarpa*.

*heciostophylla*, *Hort.*—*Gleichenia dicarpa*, γ. et δ.

*Hermanni*, *R. Br.*—*Gleichenia dichotoma*.

*Hermanni*, *Hook. et Grev.*—*Gleichenia pectinata*.

*hirta*, *Bl. Enum.* 250.—Moluccas.

*Gleichenia hirta*, *Hook. Sp. Fil.* i. 11.

*Hookeriana*, *Col. MS.*—*Gleichenia alpina*.

*immersa*, *Spreng.*—*Gleichenia pubescens*.

*intermedia*, *Col. MS.*—*Gleichenia Cunninghamii*.

*japonica*, *Spreng.*—*Gleichenia glauca*.

*javanica*, *Spreng.*—*Gleichenia laevigata*.

*Klotzschii*, *Hook.*—*Gleichenia rufinervis*.

*laevigata*, Hook. Sp. Fil. i. 10.—Java.

*Gleichenia javanica*, Spreng. Syst. 25.

*Mertensia laevigata*, Willd. Sp. Pl. v. 75; Poir. Enc. Supp. iii. 669; Desv. Prod. 201.

*Sticherus laevigatus*, Presl, Tent. Pter. 52.

*lanigera*, Don.—*Gleichenia dichotoma*.

*Liebmani*, M.—Mexico.

*Mertensia gleichenoides*, Liebm. Mex. Bregm. 144.

*longipinnata*, Hook. Sp. Fil. i. 9.—D. Guiana: Surinam (*Hostm.* 238); B. Guiana (*Rich. Schomb.* 1126); N. Grenada (*Schlim* 226); Venezuela (*Fendl.* 384, 484; *Funk* 814; *F. et Schlim* 502); Caraccas (*Lind.* 77; *Moritz* i. 15); S. Brazil; Bay of Choco (*Seem.* 978); Jamaica (*Wilson* 760); Guadeloupe (*L'Herm.* 4).

*Mertensia longipinnata*, Kl. Lin. xviii. 637; Kze. Lin. xxi. 203.

*longissima*, Bl. Enum. 250.—Java (*Zoll.* 1292); Philippine Islands (*Cuming* 265); Malacca; Penang; Sandwich Isles: Owhyhee; S. China (*Seem.* 2389); Hong Kong; Foo-chow-foo.

*Gleichenia longissima*, Hook. Sp. Fil. i. 4.

*Gleichenia excelsa*, J. Sm. Hook. Journ. Bot. iii. 420; Hook. Sp. Fil. i. 5, t. 4 B.

*Gleichenia volubilis*, Jungh. "Java i. 592, 684"; Id. Flora (1847) 525.

*Mertensia excelsa*, J. Sm. Lond. Journ. Bot. ii. 381; Presl, Epim. 25.

*Mertensia glabra*, Brack. U.S. Expl. Exped. xvi. 282.

*Mertensia longissima*, Kze. Bot. Zeit. iv. 418.

*Mesosorus excelsus*, Hassk. Fil. Jav. 3.

*Mesosorus longissimus*, Hassk. Fil. Jav. 5.

—*β. nivea*, Bl. Enum. 251.—Java.

—*γ. arachnoides*, M.—Java.

*Gleichenia longissima, γ. rigida*, Bl. Enum. 251.

*Mertensia arachnoides*, Hassk. Kew Journ. Bot. vii. 322.

*Mesosorus arachnoides*, Hassk. Fil. Jav. 6.

*Mathewsii*, Hook. Sp. Fil. i. 9, t. 7 B.—Peru (*Mathews* 1092; *Lechl.* 2040), Tarapota (*Spruce* 4018); Mexico (*Galeotti* 6382); ? Venezuela (*F. et Schlim* 1005; *Fendl.* 40, 41).

*Gleichenia Mathewsii*, Metten. Fil. Lechl. fasc. 2, 34.

*Gleichenia dichotoma*, Metten. Fil. Lechl. 28.

*Mertensia furcata*, M. et Gal. Foug. Mex. 17 (*Galeotti* 6382).

*Mertensia Mathewsii*, Liebm. Mex. Bregm. 145.

—*β. major*, Hook. Sp. Fil. i. 9.—Dominica.

*microphylla*, R. Br.—*Gleichenia circinata*.

*microphylla*, Sieb.—*Gleichenia dicarpa*.

*moniliformis*, M.—New Caledonia (*Vieillard* 1571).

*Stromatopteris moniliformis*, Metten. Ann. Sc. Nat. Botanique. 4 ser. xv. (30 reprint).

*mucronata*, Reinw.: J. Sm.—*Gleichenia dichotoma*, γ.  
*muricata*, "Klfs.": Spreng.—*Gleichenia flagellaris*.

*nervosa*, Spreng. *Syst.* iv. 25.—St. Catherine; Peru.

*Gleichenia nervosa*, Hook. *Sp. Fil.* i. 12, t. 5 A.

*Mertensia nervosa*, Klfs. *Enum.* 37; Presl, *Tent. Pter.* 51; J. Sm.  
*Lond. Journ. Bot.* ii. 381; Mart. *Icon. Crypt. Bras.* 111.

*nitida*, Presl, *Rel. Hænk.* i. 70.—Mexico.

*Gleichenia nitida*, Spreng. *Syst.* 26; Hook. *Sp. Fil.* i. 13.

*Mertensia nitida*, Presl, *Tent. Pter.* 51; Liebm. *Mex. Bregm.* 146.

*nuda*, M.—Caraccas (Moritz 452).

*Mertensia nuda*, Moritz MS.: Reichardt, *Gefässb.* 8, t. 1, fig. 1-4.

*owhyhensis*, Hook. *Sp. Fil.* i. 9.—Sandwich Isles.

*Mertensia hawaleensis*, Brack. *U.S. Expl. Exped.* xvi. 205.

*palmata*, M.—Mexico (Schaffn. (1854) 229).

*Mertensia palmata*, Schaffn. MS.; Fée, *Cat. lith. Foug. Mex.* 32.

*pedalis*, Spreng. *Syst.* iv. 26.—Chili (Philippi 217; Poepp. ii. 135); Valdivia (Lechl. 506 a; Bridges 803); Chiloe; Juan Fernandez (Bertero 1539).

*Gleichenia pedalis*, Hook. *Sp. Fil.* i. 6, t. 8 B; Motten. *Fil. Lips.* 113;  
*Id. Fil. Lechl.* 28.

*Mertensia pedalis*, Klfs. *Enum.* 39; Presl, *Tent. Pter.* 51; Kze. *Lín.* ix. 18; Gay, *Chil.* vi. 538; Sturm, *En. Chil.* 45.

—β. *glabra*, Hook. *Sp. Fil.* i. 6.—Chili.

*pectinata*, Presl, *Rel. Hænk.* i. 71.—S. America: Brazil (Mart. 359; Miers 50\*), St. Catherine; Bahia; Sao Gabr., N. Brazil (Spruce 2218); Amazon (Spruce 452); Peru; Quito (Jameson 745); N. Grenada; Columbia (Cuming 1199); Venezuela (Fendl. 482, 483); B. Guiana (Appun. 169; Rob. Schomb. 378; Rich. Schomb. 263); Surinam (Hostm. 815; Kegel 1056); F. Guiana; S. Chili; Panama (Hayes 176; Fendl. 386); Guatemala; Mexico (Galeotti 6402); West Indies: Jamaica, St. Vincent, Martinique (Garnier 286; Belanger 159), Trinidad.

*Gleichenia pectinata*, Spreng. *Syst.* 26.

*Gleichenia brasiliiana*, Spreng. *Syst.* 27.

*Gleichenia Cumingiana*, Hook. *Sp. Fil.* i. 13.

*Gleichenia glaucescens*, H.B.K. *Nov. Gen.* i. 29; Spreng. *Syst.* 26;  
*Hook. Sp. Fil.* i. 11, incl. β.

*Gleichenia Hermannii*, Hook. et Grav. *Icon. Fil.* t. 14 (excl. syn.)—f.  
Hook.; Schlecht. *Lín.* v. 620.

*Mertensia brasiliiana*, Dev. *Berl. Mag.* v. 329; *Id. Journ. Bot.* 1813, 286; *Id. Prod.* 201; Poir. *Enc. Suppl.* iii. 670; Gaud. *Fréyc. Voy.* 301; Kze. *Lín.* ix. 18 (excl. syn. Schrad.); *Id. Flora* 1839, i. bieb. 44; Presl, *Tent. Pter.* 51, t. 1, fig. 12.

*Mertensia canescens*, Klfs. *Enum.* 38.



- Mertensia Cumingiana*, Presl, Tent. Pter. 51.  
*Mertensia dichotoma*, Sw. Syn. Fil. 163 (excl. syn.)—f. Mart.; Langed. et Fisch. Icon. Fil. 25, t. 29.—f. Raddi; Goldm. Nov. Act. N.C. xvi. supp. ii. 457.—f. Kl.  
*Mertensia elata*, Desv. Prod. 201; Hook. Sp. Fil. i. 13.  
*Mertensia emarginata*, Raddi, Fil. Bras. 72, t. 6 (juv.)  
*Mertensia flexuosa*, Schrad. Goett. gel. Anz. 1824, 863.  
*Mertensia glaucescens*, H. B.: Willd. Sp. Pl. v. 72; Desv. Prod. 200; Mart. Icon. Crypt. Bras. 110; Poir. Enc. Supp. iii. 668; Kze. Lin. ix. 17; xxi. 203; J. Sm. Lond. Journ. Bot. ii. 381; Id. Bot. Voy. Her. i. 242; Hook. Sp. Fil. i. 11; Brack. U.S. Expl. Exped. xvi. 296; Liebm. Mex. Bregn. 146; Gay, Chil. vi. 539.  
*Mertensia Hookeri*, J. Sm. Hook. Lond. Journ. Bot. ii. 381.  
*Mertensia pectinata*, Willd. Act. Holm. 1804, 168, t. 4; Id. Sp. Pl. v. 73; Sw. Syn. Fil. 163; Poir. Enc. Supp. iii. 668; Langed. et Fisch. Icon. Fil. 26, t. 30; Desv. Prod. 201; Presl, Tent. Pter. 51; Id. Die Gefaeb. 31, t. 6, fig. 8 (st.); Kl. Lin. xviii. 536; Kze. Lin. xxiii. 267; Sturm, Enum. Chil. 46.

*pennigera*, M.—Brazil.

- Mertensia pennigera*, Mart. Icon. Crypt. Bras. 106, t. 59, fig. 1.  
 — *B. lanuginosa*, M.—Brazil (Clausen 88); Venezuela (Fendl. 43); Caraccas (Moritz 92); B. Guiana (Rich. Schomb. 1039).

- Gleichenia pubescens*, γ. Hook. Sp. Fil. i. 8.  
*Mertensia pedalis*, J. Sm. Lond. Journ. Bot. i. 202.

*pinnata*, M.—Sandwich Isles.

- Gleichenia glauca*, Hook. Sp. Fil. i. 4, t. 3 B (excl. omn. syn. præt. Kze.)  
 —f. Presl; Brack. U.S. Expl. Exped. xvi. 292.  
*Mertensia pinnata*, Kze. Anal. 6; Presl, Epim. Bot. 25.  
 (An *Gleichenia longissima*).

*platyzoma*, F. Mull. MS.—*Platyzoma microphylla*.

*polypodioides*, Sm. Act. Taur. v. 419, t. 9, fig. 10.—S. Africa (Sieb. Fl. Mixt. 271; Eckl. Un. II. 325); Table Mountain; Natal.

- Gleichenia polypodioides*, Sw. Schrad. Journ. 1800, ii. 107; Id. Syn. Fil. 165; Willd. Sp. Pl. v. 70; Schlech. Adumb. 11; Desv. Prod. 199; Schkr. Crypt. 150, t. 149; Presl, Tent. Pter. 48, t. 1, fig. 1; Id. Die Gefaeb. 30, t. 6, fig. 1 (st.); Kze. Lin. x. 489; Hook. Gen. Fil. t. 41 A; Id. Sp. Fil. i. 3; J. Sm. Lond. Journ. Bot. ii. 380; Metten. Fil. Lips. 113; Pappe et Raws Syn. Fil. Afr. Aust. 10.  
*Onoclea polypodioides*, Lin. Mant. 306; Lam. Enc. Bot. iv. 555.

— *B. glauca*, M.—South Africa (Krauss s. n.; Zeyher 708, 4603).

- Gleichenia glauca*, Sw. Syn. Fil. 165, 393; Willd. Sp. Pl. v. 70; Desv. Prod. 200; Kze. Lin. x. 489.  
*Gleichenia argentea*, Ktze. Enum. 36; Presl, Tent. Pter. 48, t. 1, fig. 2; Kze. Lin. x. 490; Pappe et Raws Syn. Fil. Afr. Aust. 10.  
*Mertensia caeruleo-glauca*, Poir. Enc. Supp. iii. 668.

*procera*, Col. MS.—*Gleichenia circinata*.

*pubescens*, H.B.K. Nov. Gen. i. 29.—Peru (Ruiz Hb. 29), Tarapota (Spruce 4707); Equador (Spruce 5351);

[Gen. 72. Sp. 1643.]

Chimborazo; N. Grenada (*Schlim* 221, 224); Columbia (*Moritz* i. 48; 51, 92; *Regn.* ii. 326 $\frac{1}{2}$ ; *Wagener* 187); Venezuela (*Otto* 629; *Fendl.* 40, 42; *F. et Schl.* 500); Caraccas (*Otto* 677; *Wagener* 341); B. Guiana (*Rich. Schomb.* 1148); F. Guiana; Brazil (*Gardn.* 29); S. Brazil; Guatemala; Mexico (*Galeotti* 6373; *Schaffn.* 228; *Botteri* 75; *Ehrenb.* 1159); Bay of Choco; West Indies: Jamaica (*Wilson* 722), Martinique (*Sieb. Fl. Mart.* 234, *Garnier* 327; *Belang.* 6, 7, 470), Cuba (*Wright* 921), St. Vincent, Dominica, St. Domingo, Guadeloupe (*L'Horm.* 1), Portorico, Trinidad.

*Gleichenia pubescens*, *Spreng. Syst.* iv. 27; *Hook. Sp. Fil.* i. 8 (excl.  $\beta$ ).

*Gleichenia immersa*, *Spreng. Syst.* iv. 27; *Hook. et Grev. Icon.* t. 15.

*Gleichenia tenuis*, *Presl, Reh. Henk.* i. 70.—f. *Spreng.*

*Gleichenia velata*, *Mett. Fil. Lips* 113.

*Mertensia decurrens*, *Raddi, Fil. Bras.* 73, t. 7.

*Mertensia ferruginea*, *Desv. Berl. Mag.* v. 307; *Id. Journ. Bot.* iii. 368;

*Id. Prod.* 201; *Poir. Enc. Supp.* iii. 670; *Raddi, Syn. Fil.* 17;

*Presl, Tent. Pter.* 51; *Kze. Lin.* ix. 16; *Id. Bot. Zeit.* ii. 259, in obs.; *Kl. Lin.* xviii. 638.

*Mertensia fulva*, *Desv. Prod.* 201; *Hook. Sp. Fil.* i. 13.

*Mertensia glaucescens*, *Gaud. Frey. Voy.* 301.

*Mertensia immersa*, *Ktze. Enum.* 39; *Presl, Tent. Pter.* 51; *J. Sm. Lond. Journ. Bot.* ii. 381.

*Mertensia pubescens*, *H.B. Willd. Sp. Pl.* v. 73; *Poir. Enc. Supp.* iii.

663; *Desv. Prod.* 200; *Mart. Icon. Crypt. Bras.* 109; *Kze. Lin.*

xviii. 307; xxiii. 267; *Id. Bot. Zeit.* iii. 286; *Kl. Lin.* xviii. 537;

*Liebm. Mex. Bregm.* 146; *Brack. U.S. Expl. Exped.* xvi. 296.

*Mertensia tomentosa*, *M. et Gal. Foug. Mex.* 16.—f. *Liebm.*

*Mertensia velata*, *Kze. Lin.* ix. 15; *Presl, Tent. Pter.* 51.

(An *Gleichenia tomentosa*).

*pubescens*,  $\beta$ . *Hook.*—*Gleichenia furcata*.

*pubescens*,  $\gamma$ . *Hook.*—*Gleichenia pennigera*,  $\beta$ .

*quadripartita*, *M.*—*Magellan*.

*Mertensia magellanica*, *Desv. Prod.* 201; *Hook. Sp. Fil.* i. 14.

*Mertensia quadripartita*, *Poir. Enc. Supp.* iii. 669.

*Polypodium quadripartitum*, *Poir. Enc. Bot.* v. 543.

(See *Gleichenia acutifolia*).

*remota*, *Spreng. Syst.* iv. 27.—Brazil.

*Gleichenia remota*, *Hook. Sp. Fil.* i. 13.

*Mertensia remota*, *Ktze. Enum.* 39; *Presl, Tent. Pter.* 51.

*revoluta*, *H.B.K. Nov. Gen.* i. 29.—Brazil (*Regn.* ii. 326 $\frac{1}{2}$ ;

*Claussen* 90); Quito; Pichincha; Surucuchu (*Jameson*

40); Peru.

*Gleichenia revoluta*, *Spreng. Syst.* 27; *Poir. Enc. Supp.* v. 732; *Hook.*

*Sp. Fil.* i. 7. t. 7 A; *Mett. Fil. Lechl.* fasc. 2, 33.

*Mertensia angusta*, *Kl. M.S. Hb. Hook.*

*Mertensia pruinosa*, *Mart. Icon. Crypt. Bras.* 109.—f. *Kze.*

*Mertensia revoluta*, *Desv. Prod.* 200; *Kze. Bot. Zeit.* vi. 100, in obs.

*Mertensia subflabellata*, *Brack. U.S. Expl. Exped.* xvi. 294.

*rigida*, *J. Sm.*—*Gleichenia dichotoma*,  $\epsilon$ .

[*Gen.* 72, *Sp.* 1846.]

rufinervis, *Hook. Sp. Fil.* i. 11.—Brazil; B. Guiana (*Rich. Schomb.* 1671); Venezuela (*Fendl.* 450: *F. et Schlim* 1004.)

*Gleichenia rufinervis*, *Kl. Lin.* xviii. 538.

*Gleichenia Klotzschii*, *Hook. Sp. Fil.* i. 13, t. 5 B.—f. *Kl.*

*Mertensia Klotzschii*, *Brack. U.S. Expl. Exped.* xvi. 297.

*Mertensia revoluta Kl. MS.*: *Hb. Reg. Bras.*—f. *Kl.*

*Mertensia rufinervis*, *Mart. Icon. Crypt. Bras.* 111.

rupestris, *R. Br. Prod. Fl. Nov. Holl.* 160.—N. Holland: Sydney, Port Jackson (*Mossman* 42), Elizabeth Bay; New Caledonia.

*Gleichenia rupestris*, *Spreng. Syst.* 26; *Presl, Tent. Pter.* 48; *J. Sm.*

*Lond. Journ. Bot.* ii. 380; *Hook. Sp. Fil.* i. 2, t. 1 B; *Brack. U.S.*

*Expl. Exped.* xvi. 291; *Lowe, Ferns* viii. t. 53.

*Gleicheniastrum rupestre*, *Presl, Die Gefassb.* 50, in note.

*Mertensia rupestris*, *Poir. Enc. Supp.* iii. 670.

*Platyzoma rupestre*, *Desv. Prod.* 199.

Sartorii, M.—Mexico.

*Mertensia Sartorii*, *Fée, Cat. Lith. Foug. Mex.* 32.

scandens, Lind. Cat. 1856.

scandens, Hort. Lodd.—*Gleichenia dicarpa*, *δ.*

seminuda, M.—Caraccas (*Moritz* 91).

*Mertensia seminuda*, *Kl. Lin.* xviii. 538.

semivestita, Lab.—*Gleichenia circinata*, *β.*

simplex, *Hook. Icon. Pl.* i. t. 92; *Id. Sp. Fil.* i. 7.—Quito (*Jameson* 83); Peru (*Mathews* 1093); Columbia.

*Mertensia simplex*, *Desv. Dict. Sc. Nat. Bot.* ed. Levtr. t. 91; *Presl, Tent. Pter.* 51; *J. Sm. Lond. Journ. Bot.* ii. 381.

Speluncæ, *R. Br. Prod. Fl. Nov. Holl.* 160.—N. Holl. (*Sieb. Syn.* 87): Port Jackson, Moreton Bay, Upper Victoria River; Tasmania (*Gunn* 34); New Zealand (*Mossman* 664, in part).

*Gleichenia Speluncæ*, *Spreng. Syst.* 25; *Presl, Tent. Pter.* 48; *Hook. Sp. Fil.* i. 2, t. 1 A.; *Kze. Lin.* xxiii. 254.

*Gleicheniastrum Speluncæ*, *Presl, Die Gefassb.* 30, in note.

*Mertensia Speluncæ*, *Poir. Enc. Supp.* iii. 670.

*Platyzoma latum*, *Desv. Prod.* 199.

*Platyzoma Speluncæ*, *Desv. Prod.* 199.

—β. glandulosa, M.—Moreton Bay; New Caledonia; New Zealand.

*Gleichenia Speluncæ*, *Hort.*: *Lowe, Ferns* viii. t. 49.

Speluncæ, Guill.—*Gleichenia circinata*.

squamulosa, M.—S. America.

*Mertensia squamulosa*, *Desv. Journ. Bot.* iii. 268; *Id. Prod.* 200; *Poir. Enc. Supp.* iii. 670.

*tenera*, *R. Br. Prod. Fl. Nov. Holl.* 161.—Tasmania (*Gunn* 1506); Australia *Felix*.

*Gleichenia tenera*, *Spreng. Syst.* 27; *Müll. Lin.* xxv. 719; *Hook. Sp. Fil.* i. 6.

*Mertensia tenera*, *Poir. Enc. Supp.* iii. 670; *Desv. Prod.* 201.

*tenuis*, *Presl, Rel. Hænk.* i. 70.—Mexico.

*Gleichenia tenuis*, *Hook. Sp. Fil.* i. 13.

*Mertensia tenuis*, *Presl, Tent. Pter.* 51, t. 1, fig. 7; *Liebm. Mex. Bregm.* 146.

*tomentosa*, *Cav. MS.: Sw. Syn. Fil.* 164, 392.—Mexico; Peru.

*Gleichenia tomentosa*, *Spreng. Syst.* 27; *Hook. Sp. Fil.* i. 13.

*Mertensia tomentosa*, *Willd. Sp. Pl.* v. 76; *Poir. Enc. Supp.* iii. 668; *Desv. Prod.* 201; *Kze. Lin.* ix. 15; *Id. Bot. Zeit.* ii. 259, in obs.

*truncata*, *Spreng. Syst.* 25.—Java; India.

*Gleichenia truncata*, *Hook. Sp. Fil.* i. 13.

*Mertensia obtusa*, *Desv. Berl. Mag.* v. 307; *Poir. Enc. Supp.* iii. 670.

*Mertensia truncata*, *Willd. Act. Holm.* 1804, 169, t. 5, fig. A; *Id. Sp. Pl.* v. 74; *Poir. Enc. Supp.* iii. 669; *Desv. Prod.* 201.

*umbraculifera*, *M.*—Natal; Kaffraria.

*Mertensia umbraculifera*, *Kze. Lin.* xviii. 114; *Pappe et Raws. Syn. Fil. Afr. Aust.* 10.

*venosa*, *Col. MS.*—*Gleichenia Cunninghamii*.

*velata*, *Metten.*—*Gleichenia pubescens*.

*volubilis*, *Jungh.*—*Gleichenia longissima*.

*vulcanica*, *Bl.*—*Gleichenia dicarpa*,  $\beta$ .

*vestita*, *Bl. Enum.* 249.—Java (*Zoll.* 367 z); Philippines; Malacca.

*Gleichenia vestita*, *Hook. Sp. Fil.* i. 10.

*Mertensia vestita*, *Kze. Bot. Zeit.* vi. 100; *Brack. U.S. Expl. Exped.* xvi. 295.

*Mesosorus vestitus*, *Heskl. Fil. Jav.* 13.

**Gleichenia**, *Necker, Elem. Bot.* iii. 314—**LASTREA**.

**Gleicheniastrium**, *Presl, Die Gefassb.* 30.

*Boryi*, *Presl.*—*Gleichenia Boryi*.

*microphylla*, *Presl.*—*Gleichenia circinata*.

*rupestre*, *Presl.*—*Gleichenia rupestris*.

*semivestitum*, *Presl.*—*Gleichenia circinata*,  $\beta$ .

*Speluncæ*, *Presl.*—*Gleichenia Speluncæ*.

**Glyphotænum**, *J. Smith, Bot. Voy. Herald* i. 227, in obs.

*crispatum*, *J. Sm.*—*Goniopteris crispata*.

**GONIOPHLEBIUM**, Blume, *Enum. Fl. Jav.* 132 (§);  
Presl, *Tent. Pter.* 185. [Synopsis p. lxxiii.]

adnatum, M.—Columbia (*F. et Schlim* 997; *Moritz* 353);  
Caracas (*Lind.* 524, in part; N. Grenada (*Schlim* 320,  
656 in part); Esmeraldas; Quito; British Guiana (*Rob.*  
*Schomb.* 504); ? Panama (*Hayes* 153—young); ? Gala-  
pagos.

*Polypodium adnatum*, Kze. *MS.*: *Kl. Lin.* xx. 395; *Metten.* *Pol.* 78.

albo-punctatum, J. Sm. *Bot. Mag.* 1846, comp. 12.—Brazil;  
Organ Mountains

*Goniophlebium albo-punctatum*, Fée, *Gen. Fil.* 255; *Brack. U.S. Expl.*  
*Exped.* xvi. 35.

*Goniophlebium meniscifolium*, J. Sm. *Cat. Ferns.* 3.

*Polypodium albo-punctatum*, Eaddi, *Syn. Fil.* 67; *Id. Fil. Bras.* 21,  
t. 30; *Spreng. Syst.* 63; *Desv. Prod.* 236; *Lowe, Ferns* i. t. 36.

*Polypodium Boucheanum*, Kze.—f. spec. Hort. Berol.

*Polypodium meniscifolium*, Kze. *Lin.* xxiii. 281; *Metten. Fil. Lips.* 32;  
*Hort. Berol.*

*albicans*, Hort. Ang.—*Goniophlebium* ? *furfuraceum*.

amœnum, J. Sm. *Hook. Gen. Fil.* under t. 51; *Id. Hook.*  
*Journ. Bot.* iv. 57. —India (*Hook. fil. et Thoms.* 33);  
Nepal, Himalaya, N. W. Himalaya, Simla, Kumaon,  
Sikkim, Mussoorie (*Capt. Hutton* 28, 29), Garhwal,  
Sirmur, Bootan, Khasya, Assam.

*Marginaria amœna*, Presl, *Tent. Pter.* 188; *Hook. Gen. Fil.* under t. 14.

*Polypodium amœnum*, Wall. *Cat.* 290; *Metten. Pol.* 80.

*Polypodium spondyliolepis*, Kze. *Hb.*—f. *Metten.*

*angustifolium*, Brack.—*Campyloneurum angustifolium*.

*anisomeron*, Fée.—*Goniophlebium colpodes*

*appendiculatum*, Moore, *Gard. Chron.* 1856, 820.—Mexico.

*Polypodium appendiculatum*, *Kl. Gartenzeit.* 1855, 377; *Metten. Pol.* 61;

*Lind. Cat.* 1856; *J. Sm. Cat. Ferns* 2; *Lowe, Ferns*, ii, t. 19; *Hook.*

*Fil. Ezot.* i. t. 87.

*Polypodium scriptum*, of gardens.

*Polypodium sculptum*, of gardens.—f. *Hook.*

*arcuatum*, Fée, *Gen. Fil.* 255.—Martinique,

*Goniophlebium arcuatum*, *Metten. Pol.* 78.

*areolatum*, Presl.—*Phlebodium areolatum*.

*argutum*, J. Sm. *Hook. Gen. Fil.* under t. 51; *Id. Hook.*

*Journ. Bot.* iv. 57.—India: Nepal, Kumaon, Sikkim,

Khasya (*Hook. fil. et Thoms.* 34), Assam; Ceylon.

*Goniophlebium argutum*, Fée, *Gen. Fil.* 255.

*Marginaria arguta*, *Hook. Gen. Fil.* under t. 14.

? *Marginaria latebrosa*, Presl, *Tent. Pter.* 189 (Pol. lat. Wall. *Cat.*  
818 [err. script. ?]; *Hb. Kunth.*—f. Presl.)

*Polypodium argutum*, Wall. *Cat.* 308; Presl, *Tent. Pter.* 180; *Metten.*  
*Pol.* 81.

*argutum*, J. Sm. (*Kew Cat.*)—*Goniophlebium grandidens*.

December, 1862.

*articulatum*, Presl, Tent. Pter. 186, t. 7, fig. 13.—Peru (*Mathews* 1882; *Buis* Hb. 6), Tarapota (*Spruce* 3964, 4064); Chimborazo (*Spruce* 5780); N. Grenada (*Schlim* 121, 656 in part); Venezuela (*Fendl.* 236, 237); Caraccas (*Lind.* 174, 524 in part); Brazil; Sao Gabriel (*Spruce* 2099); Corrientes (*Seem.* 998); Ardita Bay.

*Polypodium articulatum*, Desv. Prod. 236; Kze. Lin. ix. 45; Kl. Lin. xx. 396; Metten. Pol. 79.

—*β. angustifolium*, (Desv. Prod. 236).—Brazil; Peru.

*Polypodium articulatum*, *β. angustifolium*, Kze. Lin. ix. 45.

*assimile*, Lodd.—? *Goniophlebium dissimile*.

*attenuatum*, Presl, Tent. Pter. 186.—Columbia (*Moritz* 195; *Cuming* 1245), Venezuela (? *Lind.* 531), Caraccas; New Grenada; ? Orinoco (*Spruce* 3575); Peru; Ecuador; Esmeraldas (*Seem.* 980); Brazil (*Guill.* 99), Para (*Spruce* 12\*, 736—small); Guayaquil (*Jameson* 565); B. Guiana (*Rob. Schomb.* 460; *Rich. Schomb.* 623, 1669); F. Guiana; Surinam (*Kegel* 1876; *Hostm.* 196; *Kappl.* 1888); Jamaica; Dominica—small; Guadeloupe; Island of Tobago.—Pluk. t. 288, fig. 1.

*Goniophlebium attenuatum*, Fée, Gen. 255; J. Sm. Bot. Her. i. 230.

*Goniophlebium Hænkii*, Presl, Tent. Pter. 186, t. 7, fig. 14.

*Polypodium attenuatum*, H.B.: Willd. Sp. Pl. v. 191; Poir. Enc. Suppl. iv. 496; Raddi, Fl. Bras. 20; Presl, Rel. Hænk. i. 23; H. B. K. Nov. Gen. i. 10; Desv. Prod. 236; Spreng. Syst. 53 (excl. syn.); Kl. Lin. xx. 396; Kze. Lin. xxi. 212; xliii. 275; Splitz. Nyssack. Nat. vii. 406.

*Polypodium diastimile*, Schkr. Crypt. 14, t. 14.

*Polypodium Hænkii*, Liebm. Mex. Bregn. 52.

*Polypodium xiphophoron*, Kze. Hb.: Metten. Pol. 78.  
(An *Polypodium simile*, Lin.)

*aurisetum*, Brack.—*Goniophlebium tectum*.

*biauriculatum*, M.—Peru.

*Polypodium biauriculatum*, Hook. Icon. Pl. t. 121; Metten. Pol. 71.

*blepharoides*, M.—? . . . . .

*Marginaria blepharoides*, Presl, Tent. Pter. 189.

*Calaguala*, Fée, Cat. lith. Foug. Mex. 18; Id. Iconogr. Nowv. 98.—Mexico (*Schaffn.* (1854) 184); Ecuador (*Spruce* 5269, 5275—veins sometimes free); Quito (*Jameson* 68); Venezuela (*Fendl.* 243).

*Polypodium Calaguala*, Schaffn. in litt.

*californicum*, M. (non Fée.—f. syn.)—California.

*Marginaria californica*, Presl, Tent. Pter. 186.

*Polypodium californicum*, Ktze. Enum. 102; Spreng. Syst. 52; Kze. Lin. xliii. 276.

[Gen. 73. Sp. 1671.]

*Polypodium intermedium*, Hook. et Arn. *Besch. Voy.* 405; Hook. *Fl. Bor. Amer.* ii. 258; Brack. *U.S. Expl. Exped.* xvi. 9; Metten. *Pol.* 72.

*californicum*, Fée.—*Goniophlebium trilobum*.

*cardiophyllum*, M.—? . . . . .

*Marginaria cardiophylla*, Presl, *Tent. Pter.* 189; Metten. *Pol.* 95.

*Catharinæ*, J. Sm. Hook. *Gen. Fil.* under t. 51.—Brazil, St. Catherine's, Organ Mountains.

*Goniophlebium Catharinæ*, Fée, *Gen. Fil.* 265; Brack. *U.S. Expl. Exped.* xvi. 34.

*Goniophlebium glaucum*, J. Sm. *Cat. Ferns*, 3.

*Marginaria Catharinæ*, Presl, *Tent. Pter.* 188.

*Polypodium Catharinæ*, Langed. et Fisch. *Icon. Fil.* 9, t. 9; Poir. *Enc. Suppl.* iv. 463; Willd. *Sp. Pl.* v. 173; Desv. *Prod.* 234; Spreng. *Syst.* 49 (excl. syn.); Ktze. *Enum.* 101; Kze. *Lin.* xxiii. 276; Metten. *Pol.* 73.

*Polypodium glaucum*, Raddi, *Fil. Bras.* 20, t. 22, fig. 1; Lowe, *Ferns* ii. t. 33.

*Catharinæ*, Hort. Ang.—*Goniophlebium latipes*.

*chnoodes*, Fée.—*Goniophlebium dissimile*.

*chondrocheilon*, Fée, *Iconograph. Nouv.* 92.—New Grenada (Schlim 1007).

*ciliatum*, J. Sm. Hook. *Gen. Fil.* under t. 51; *Id.* Hook. *Journ. Bot.* iv. 56.—W. Indies (Kze.); Panama (Hayes 26); Mexico (Presl); Columbia (Moritz 130), Venezuela; Brazil, N. Brazil: Sao Gabriel (Spruce 2227), Para (Spruce 17); B. Guiana (Rob. Schomb. 307; Rich. Schomb. 281); F. Guiana (Sagot 713); Surinam; Peru (Metten.); Andes; Equador; Quito (Jameson 718).

*Craspedaria ciliata*, Link, *Fil. Sp.* 117; Fée, *Gen. Fil.* 264.

*Lopholepis ciliata*, J. Sm. *Lond. Journ. Bot.* i. 95.

*Marginaria Hænkeana*, Presl, *Tent. Pter.* 187; Metten. *Pol.* 95; Liebm. *Mex. Bregm.* 41.

*Polypodium oajanense*, Desv. *Berl. Mag.* v. 314; *Id.* *Journ. Bot.* iv. 257; *Id.* *Prod.* 226; Poir. *Enc. Suppl.* iv. 503; Metten. *Pol.* 93.

*Polypodium ciliatum*, Willd. *Sp. Pl.* v. 144; Poir. *Enc. Suppl.* iv. 467; Ktze. *Enum.* 88; Presl, *Rel. Hank.* i. 20; Desv. *Prod.* 225; Spreng. *Syst.* 45 (non f. Mett.); Splitg. *Tijdsch.* vii. 405; Kl. *Lin.* xx. 382; Kze. *Lin.* xxi. 209; xxiii. 276.

—*β.* Hostmanni, M.—Surinam (Hostm. 324; Kegel 4 in part); F. Guiana (Sagot 319).

*Craspedaria ciliata*, v. Hostmanni, Fée, *Gen. Fil.* 264.

*Craspedaria lanceolata*, F. e. *Iconogr. Nouv.* 65.

—*γ.* Kegelii, M.—Surinam (Kegel 490, 491, 4 in part).

*Polypodium ciliatum*, var. Kze. *Lin.* xxi. 209.

*colpodes*, J. Sm. *Cat. Kew Ferns* 1; *Id.* *Cat. Ferns* 3.—Venezuela (Fendl. 242); Guatemala; Mexico (Botteri 59; Schaffn. (1854) 182a; (1855) 458).

- Goniophlebium anisomeron*, *Fée, Cat. lith. Foug. Mex.* 18; *Id. Iconogr. Nov.* 18.  
*Polypodium colpodes*, *Kze. Lin.* xxiii. 276, 316; *Lowe, Ferns*, ii. t. 60.  
*confluens*, M.—Mexico (*Galeotti* 6549; *Jurgensen* 673);  
 ? Venezuela (*Fendl.* 418).  
*Polypodium confluens*, *Liebm. Mex. Breg.* 39.  
*cordatum*, M.—Peru (*Mathews* 1835); Tarapota (*Spruce* 4772).  
*Polypodium cordatum*, *Kze. Lin.* ix. 44; *Metten. Pol.* 85, t. 2, fig. 1, 2.  
*crassimargo*, M.—? . . . . .  
*Polypodium crassimargo*, *Kze. Hb. Deless.; Metten. Pol.* 71.  
*crenatum*, M.—Equador (*Spruce* 5373).  
*cuspidatum*, *Presl, Tent. Pter.* 186.—Java.  
*Goniophlebium cuspidatum*, *J. Sm. Cat. Ferns* 3.  
*Polypodium cuspidatum*, *Bl. Enum.* 132; *Id. Fl. Jav.* 176, t. 82; *Kze. Bot. Zeit.* iv. 423; *Id. Lin.* xxiii. 277.  
*dasypleuron*, M. [*Synopsis* lxxiv.]—Peru.  
*Marginaria dasypleura*, *Presl, Tent. Pter.* 188, t. 7, fig. 23.  
*Polypodium dasypleuron*, *Kze. Lin.* ix. 43; *Metten. Pol.* 76.  
*deflexum* Moore et Houlst.—*Goniophlebium rhizocaulon*.  
*deltoideum*, M.—Mexico (*Berland.* 2178—Texo-Mex.)  
*Polypodium deltoideum*, *Liebm. Mex. Breg.* 38.  
*dissimile*, *J. Sm. Hook. Journ. Bot.* iv. 57; *Id. Cat. Ferns* 3.  
 —W. Indies: Jamaica, Cuba (*Wright* 1019), Trinidad,  
 Guadeloupe, Dominica (*Inray* 73), Martinique, St. Vincent,  
 Porto Rico (*Schwan.* 24); Venezuela (*Fendl.* 238).  
*Goniophlebium assimile*, *Lodd. Cat.* 1849 (? err. script.)  
*Goniophlebium chnoodes*, *Fée, Gen. Fil.* 255.  
*Marginaria chnoodes*, *Presl, Tent. Pter.* 189.  
*Polypodium assimile*, *Kze. Lin.* xxiii. 275 (ex. Lodd.)  
*Polypodium australe*, *Hort. Lodd.*  
*Polypodium chnoodes*, *Spreng. neues Entd.* 1822, 6; *Id. Syst.* 53; *Desv. Prod.* 235; *Metten. Pol.* 77.  
*Polypodium dissimile*, *Lin. Sp. Pl.* 1549; *Sw. Syn. Fil.* 38; *Willd. Sp. Pl.* v. 190; *Poir. Enc. Bot.* v. 518; *Desv. Prod.* 235; *Kze. Lin.* xxiii. 277; *Lowe, Ferns* ii. t. 35.  
*Polypodium falciforme*, *Sieb. Fl. Mart.*  
*distans*, J. Sm. (*Lond. Journ. Bot.*)—*Goniophlebium fraxinifolium*.  
*distans*, J. Sm. (*Cat. Ferns*).—*Goniophlebium rhizocaulon*.  
*dulce*, M.—W. Indies.—*Plum* t. 80.  
*Chrysopteris dulce*, *Fée, Gen. Fil.* 265.  
*Polypodium dulce*, *Poir. Enc. Bot.* v. 523; *Sw. Syn. Fil.* 35; *Willd. Sp. Pl.* v. 169; *Desv. Prod.* 235; *Spreng. Syst.* 51.  
 (An *Phlebodium*.)



elatum, *Fée, Gen. Fil.* 255, 256.—Cuba (*Wright* 805; *Lind.* 1890).

elatus, M.—Brazil.

*Polypodium elatus*, *Schrad. Goett. gel. Ans.* 1824, 868; *Metten. Pol.* 78.

eleutherophlebium, *Fée, Gen. Fil.* 255.—Columbia (*F. et Schl.* 1102), Merida.

*Polypodium eleutherophlebium*, *Metten. Pol.* 75.

ensifolium, Brack.—*Campyloneurum angustifolium*.  $\beta$ .

ensiforme, *Fée, Gen. Fil.* 255, t. 21 B. fig. 2.—S. Africa; Natal (*Krauss* 299).

*Marginaria ensiformis*, *Presl, Tent. Pter.* 188; *Pappe et Raws. Syn. Fil. Afr. Aus.* 40.

*Phlebodium ensiforme*, *J. Sm. Hook. Journ. Bot.* iv. 69.

*Polypodium ensiforme*, *Thunb. Prod.* 172; *Sw. Syn. Fil.* 31; *Willd. Sp. Pl.* v. 165; *Schlecht. Adumb.* i. 19; *Desv. Prod.* 234; *Spreng. Syst.* 82; *Kze. Lin.* x. 600; *Id. Schkr. Supp.* i. 117, t. 64; (excl. a.); *Metten. Pol.* 72.

*Polypodium phymatodes*,  $\beta$ . *Poir. Enc. Bot.* v. 515.

*Polypodium triphyllum*, *Jacq. Coll.* iii. 284, t. 22, fig. 1.

Falcaria, *Fée, Gen.* 255.—Mexico (*Leib.* 90b; *Galeotti* 6336); Ecuador (*Spruce* 5233); Chimborazo (*Spruce* 5729).

*Polypodium Falcaria*, *Kze. Lin.* xviii. 316; *Metten. Pol.* 76; *Liebm Mez. Bregn.* 39. (Affin. *Goniophlebium loriceum*).

Fieldingianum, M.—Himalaya; Mussoorie (*Capt. Hutton* 32).

*Polypodium Fieldingianum*, *Kze. Hb.: Metten. Pol.* 75.

fraxinifolium, *Kze. Lin.* xxiii. 277 (sub. *Polypodium cymatodes*).

—Columbia (*Moritz* i. 46; 244, 244 b, 351); Venezuela (*Fendl.* 234, 235); Caraccas (*Lind.* 530; *Wagener* 116; *Karst.* i. 19, 60; 351—t. *Metten.*; *Miquel* 11); N. Grenada; Peru (*Mathews* 1834, 1835); Quito; South Darien; B. Guiana; Brazil (*Regn.* i. 473); ? India (*Sw.*)

*Goniophlebium fraxinifolium*, *J. Sm. Cat. Ferns* 3.

*Goniophlebium distans*, *J. Sm. Lond. Journ. Bot.* i. 195; *Id. Bot. Voy. Her.* i. 231; *Fée, Gen. Fil.* 255.

*Goniophlebium ornatum*, *Fée, Gen. Fil.* 255.

*Polypodium brachiatum*, *Hort. Monach.—f. Metten.*

*Polypodium cymatodes*, *Kze. Lin.* xxiii. 277, 317.

*Polypodium deflexum*, *Lowe, Ferns* i. t. 45.

*Polypodium fraxinifolium*, *Jacq. Coll.* iii. 187; *Id. Icon. Rar.* iii. t. 639; *Sw. Syn. Fil.* 38; *Willd. Sp. Pl.* v. 195; *Poir. Enc. Bot.* v. 515; *Id. Enc. Supp.* iv. 428; *Spreng. Sys.* 64; *Desv. Prod.* 236 (excl. syn.); *Kl. Lin.* xx. 396; *Kze. Lin.* xxiii. 278; *Metten. Fil. Lips.* 33; *Id. Pol.* 79.

*Polypodium longifolium*, *Presl, Del. Prag.* i. 167, in part.

*Polypodium mutabile*, *Kze. Lin.* ix. 46.—f. *Metten.*; *Id. Bot. Zeit.* iii. 285.

*Polypodium ornatum*, *Kl. Lin.* xx. 396; *Metten. Pol.* 79.

*Polypodium polystichum*, *Link, Hort. Ber.* ii. 101.—f. *Kze.*

- Polypodium triseriale*, *Sw. Schrad. Journ.* 1800, ii. 26; *Id. Syn. Fil.* 38, 231.—*f. Metten.*; *Willd. Sp. Pl.* v. 194; *Poir. Enc. Supp.* iv. 498; *Desv. Prod.* 236; *Spreng. Syst.* 53.
- furfuraceum*, M. [*Synopsis lxxiv.*].—Mexico (*Galeotti* 6420; *Leibold* 83).
- Goniophlebium albicans*, *Hort. Ang.*?
- Marginaria furfuracea*, *Presl. Tent. Pter.* 183.
- Polypodium furfuraceum*, *Schleich. Lin.* v. 607; *M. et Gal. Foug. Mex.* 43; *Kze. Lin.* xviii. 312; *Metten. Pol.* 68; *Liebm. Mex. Bregu.* 37.
- giganteum*, M.—Brazil.
- Polypodium giganteum*, *Desv. Prod.* 236; *Metten. Pol.* 79.
- gladiatum* *Fée, Gen. Fil.* 255, 256.—S. America (*Pamplin* 8 —*Hb. Mougeot.*).
- Goniophlebium gladiatum*, *Metten. Pol.* 78.
- glaucophyllum*, *J. Sm. MS: Kl. Lin.* xx. 393.—Columbia (*Moritz* 805); Venezuela (*Otto* 570; *F. et Schlim* 1234); Caracas; Ecuador (*Spruce* 5431); Guadeloupe.
- Goniophlebium glaucophyllum*, *Fée, Gen. Fil.* 255.
- Polypodium glaucophyllum*, *Kze. MS: Kl. Lin.* xx. 393; *Kze. Schkr. Supp.* i. 227, t. 93; *Metten. Pol.* 79.
- Polypodium glaucum*, *Bory MS.*—*f. Kze.*
- β. squamipes*, M.—N. Grenada (*Schlim* 125; *Hartweg* 1502); Ecuador (*Spruce* 5245); Chimborazo; Quito (*Jameson* 399); Lloa (*Jameson* 20, 278); Cayenne; Abbeokuta.
- glaucum*, *J. Sm.*—*Goniophlebium Catharinæ*
- grandidens*, *Fée, Gen. Fil.* 255.—Java (*De Vriese* 51, 52; *Zoll.* 1301); Feejee Islands; Samoan Islands.
- Goniophlebium argutum*, *J. Sm. Bot. Mag.* 1846, comp. 11; *Id. Cat. Kew Ferns* 1.
- Goniophlebium serratifolium*, *Brack. U.S. Expl. Exped.* xvi. 35.
- Polypodium angustatum*, *Hort. Bonn. non. Bl.*—*f. Kze.*
- Polypodium colpothrix*, *Kze. Lin.* xxiii. 276, 316.
- Polypodium grandidentatum*, *Hort. Ber. Ind. Sem.* 1855.
- Polypodium grandidens*, *Kze. Ind. Fil. Lips.* 1843; *Id. Bot. Zeit.* iv. 423; *Id. Lin.* xviii. 278, 318; *Metten. Fil. Lips.* 33, t. 23, fig. 1—4; *Id. Pol.* 82; *Lowe, Ferns* i. t. 40.
- guatemalense*, M.—Guatemala.
- Polypodium guatemalense*, *Kl. Gartenzeit.* 1855, 33; *Metten. Pol.* 80.
- Hanksi*, *Presl.*—*Goniophlebium attenuatum.*
- harpeodes*, *J. Sm.*—*Goniophlebium latipes.*
- Hasekarlii*, "*Kl.*"; *Van Houtte Cat.* 1858.—? Java.
- heteroneuron*, *Fée, Cat. lith. Foug. Mex.* 24.—Mexico.
- hirsutissimum*, *Brack.*—*Goniophlebium lepidopteris.*
- hirsutulum*, M.—Brazil.
- Polypodium hirsutulum*, *Eaddi, Fil. Bras.* 21, t. 29, fig. 2.

*inaequale*, J. Sm.—Phlebodium inaequale.

*incanum*, J. Sm.—Polypodium incanum.

*invertens*, Fée, *Cat. lith. Foug. Mex.* 25.—Mexico (Schaffn. (1856) 494).

*javanense*, M.—Java (Zoll. 1086).

*Craspedaria javanensis*, Fée, *Iconogr. Nouv.* 65.

*jocosum*, Moore MS.—Goniophlebium revertens.

*lachnopus*, J. Sm. *Hook. Gen. Fil.* under t. 51; *Id. Journ.*

*Bot.* iv. 57.—India (*Hook. fil. et Thom.* 32): Nepal, Kumaon, Simla, Mussoorie, Sikkim, Khasya.

*Ctenopteris lachnopus*, Kze. *Hb.*—f. Metten.

*Polypodium lachnopus*, *Wall. Cat.* 310; *Presl, Tent. Pter.* 179; *Hook. Icon. Pl.* t. 952; *Metten. Pol.* 75, t. 1, fig. 55.

*laetum*, J. Sm. *Bot. Her.* i. 231; *Id. Cat. Ferns.* 8.—Brazil: Organ Mountains; Caraccas (*F. et Schlim* 277); S. Darien.

*Goniophlebium laetum*, *Brack. U.S. Expl. Exped.* xvi. 34.

*Aspidium ligatum*, Kze. *Hb.*—f. Metten.

*Marginaria laeta*, *Presl, Tent. Pter.* 188 (excl. syn. ram.)

*Polypodium laetum*, *Raddi, Syn. Fil.* 63; *Id. Fil. Bras.* 19, t. 28; *Desv. Prod.* 236; *Link, Fil. Sp.* 129; *Kze. Lin.* xxiii. 279; *Metten. Fil. Lips.* 32; *Id. Pol.* 77.

*lanatum*, Lind.—Goniophlebium squamatum.

*lanuginosum*, M.—Brazil.

*Polypodium lanuginosum*, *Schrad. Goet. gel. Ans.* 1824, 867.

*lasiopus*, M.—Columbia (*Moritz* 256); Venezuela (*Fendl* 244); Peruvian Andes.

*Polypodium lasiopus*, *Kl. Lin.* xx. 393; *Metten. Pol.* 73.

*latipes*, J. Sm. *Bot. Mag.* 1846, comp. 12.—Brazil (*Regn.* ii. 317; "Galeotti 95"): St. Catherine's, Organ Mountains (*Gardn.* 5919); Columbia, Venezuela (*Fendl.* 239, 341); Panama (*Fendl.* 422).

*Goniophlebium Catharinae*, *Hort. Ang.*; *Moore et Houlet. Gard. Mag. Bot.* iii. t. 0; *J. Sm. Cat. Ferns* 3.

*Goniophlebium harpeodes*, *J. Sm. Bot. Mag.* 1846, comp. 11; *Id. Bot. Her.* i. 230, in obs.; *Id. Cat. Ferns* 3.

*Goniophlebium vacillans*, Fée, *Gen. Fil.* 255; *J. Sm. Bot. Her.* i. 230, in obs.; *Id. Cat. Ferns* 3.

*Marginaria harpeodes*, *Presl, Tent. Pter.* 188.

*Marginaria latipes*, *Presl, Tent. Pter.* 188.

*Polypodium attenuatum*, *Link, Hort. Ber.* ii. 100.

*Polypodium bacillare*, (f. err. script.) *Schott MS.*—f. spec. Hort. Lowe.

*Polypodium Catharinae*, *Hort. Ang.* (non L. et F.): *Lowe, Ferns* i. t. 44.

*Polypodium cenodes*, *Hort. Ang.*—f. Kze.

*Polypodium harpeodes*, *Link, Hort. Ber.* ii. 97; *Id. Fil. Sp.* 127; *Kze. Lin.* xxiii. 278; *Lowe, Ferns* ii. t. 17.

*Polypodium juglandifolium*, *Hort. Ang.*—f. Kze.

*Polypodium latipes*, *Langsd. et Fisch. Icon. Fil.* 10, t. 10; *Willd. Sp. Pl.* v. 170; *Poir. Enc. Suppl.* iv. 508; *Desv. Prod.* 235; *Spreng. Syst.* 81; *Link. Fil. Sp.* 128; *Kze. Lin.* xxiii. 279; *Mettien. Fil. Lips.* 33 (excl. syn. colpodes); *Id. Pol.* 76 (excl. syn. colpodes); *Lowe, Ferns* ii. t. 39.

*Polypodium pycnosorum*, *Link. Fil. Sp.* 128; *Kze. Lin.* xxiii. 283.

*Polypodium repandulum*, *Ktze. olim.*—t. Kze. sub. *vacillans*.

*Polypodium vacillans*, *Link. Hort. Ber.* ii. 97; *Id. Fil. Sp.* 128; *Kze. Lin.* xxiii. 285; *Lowe, Ferns* ii. t. 22.

*latipes*, *Hort. Ang.*—*Goniophlebium loriceum*.

*lepidopteris*, *M. [Synopsis lxxiv.]*—Brazil (*Mart.* 301; *Regn.* i. 469); B. Guiana (*Rob. Schomb.* 904; *Rich. Schomb.* 1163); Columbia, Venezuela (*Fendl.* 343); Ecuador (*Hartw.* 1491); Panama; Mexico (*Schaffn.* (1854) 197, 488; *Galeotti* 6276, 6308, 6432; *Botteri* 58; *Leibold* 102; *Seem.* 1933); Chili (*Müller* 136).

*Goniophlebium hirsutissimum*, *Brack. U.S. Expl. Exped.* xvi. 33.

*Goniophlebium pyrrolepis*, *Fée, Cat. lith. Foug. Mex.* 25; *Id. Iconogr. Nouv.* 94.

*Goniophlebium sepultum*, *J. Sm. Hook. Gen. Fil.* under t. 51; *Id. Hook. Journ. Bot.* iv. 56; *Id. Bot. Mag.* 1846, comp. 11.

*Acrostichum lepidopteris*, *Langsd. et Fisch. Icon. Fil.* 5, t. 2; *Willd. Sp. Pl.* v. 113; *Poir. Enc. Suppl.* v. 533; *Desv. Prod.* 210.

*Cyathea vastata*, *Spreng. Hb. Ber.*—f. *Presl.*

*Lepicystis sepulta*, *J. Sm. Lond. Journ. Bot.* i. 195; *Id. Bot. Her.* i. 230, 338; *Id. Cat. Ferns* 2.

*Marginalia rufula*, *Presl, Tent. Pter.* 189, t. 7, fig. 28.

*Polypodium hirsutissimum*, *Eaddi, Syn. Fil.* 56; *Id. Fil. Bras.* 17, t. 26; *Gaud. Frag. Voy.* 356; *Bory, Dup. Voy.* 262, t. 32; *Fée, Gen. Fil.* 235; *M. et Gal. Foug. Mex.* 41.

*Polypodium hirsutissimum*, v. *sericea*, *M. et Gal. Foug. Mex.* 42.

*Polypodium lepidopteris*, *Kze. Lin.* xiii. 132; xviii. 312; xxiii. 290; *Fée, Gen. Fil.* 235; *Kl. Lin.* xx. 392; *Mettien. Pol.* 70; *Liebm. Mex. Bregm.* 37.

*Polypodium Eaddi*, *Desv. Prod.* 232.

*Polypodium sepultum*, *Ktze. Enum.* 104; *Spreng. Syst.* 54; *Lowe, Ferns* i. t. 34 A.

*Polypodium rufulum*, *Presl, Del. Prag.* 164.

*Polypodium tricholepis*, *Schrad. Goet. gel. Anz.* 1824, 867.

*lepidotrichum*, *Fée, Cat. lith. Foug. Mex.* 25; *Id. Iconogr. Nouv.* 93.—Mexico (*Botteri* 57; *Schaffn.* (1854) 198; (1856) 451).

*ligustrifolium*, *M.*—Madagascar.

*Polypodium ligustrifolium*, *Desv. Prod.* 225.

*longicaule*, *Fée, Iconogr. Nouv.* 95.—N. Grenada (*Schlim* 847).

*loriceum*, *J. Sm. Hook. Gen. Fil.* under t. 51; *Id. Cat. Ferns* 3 (excl. syn. *Langsd. et Fisch.*)—W. Indies: Jamaica, Cuba (*Wright* 827), Martinique (*Belang.* 74, 819; *Sieb. Fl. Mart.* 352—f. *Kze.*), Dominica (*Imray* 36), St. Vincent, Guadeloupe, Porto Rico (*Schwan.* 25); Galapagos; Esmeraldas; Chimborazo (*Spruce* 5728); Tarapota

(*Spruce* 4650 4653); Brazil (? *Gardn.* 70), Organ Mountains (*Gardn.* 121); Venezuela (*Fendl.* 853); Caraccas (*Miquel* 10); Bay of Cupica (*Seem.* 994).—Plum t. 78; Sieb Fl. Mixt. 344—t. Metten.

*Goniophlebium loriceum*, *Fée*, *Gen. Fil.* 255.

*Goniophlebium latipes*, *Hort. Ang.*: *Houlst. et Moore Gard. Mag. Bot.* iii. 80.

*Goniophlebium ramosum*, *Fée*, *Gen. Fil.* 255.

*Marginaria loricea*, *Presl, Tent. Pter.* 188, t. 7, fig. 30; *Hook. Gen. Fil.* under t. 14.

*Polypodium californicum*, *Hort.* non Klfs.—f. Metten.

*Polypodium elegans*, *Cav. Hort. Matr.* i., with fig.—f. Spreng.; *Sw. Syn. Fil.* 35; *Willd. Sp. Pl.* v. 177; *Poir. Enc. Supp.* iv. 506; *Desv. Prod.* 233.

*Polypodium Karwinskianum*, *Lowe, Ferns* ii. t. 40.

*Polypodium loriceum*, *Lin. Sp. Pl.* 1546; *Sw. Syn. Fil.* 35; *Willd. Sp. Pl.* v. 176; *Poir. Enc. Bot.* v. 522; *Spreng. Syst.* 61; *Desv. Prod.* 233; *Kze. Lin.* xxiii. 280, 410; *Metten. Fil. Lips.* 32, t. 23, fig. 7—9; *Id. Pol.* 76; *Lowe, Ferns* ii. t. 30.

*Polypodium ramosum*, *Hort. Lodd.*; ? *Hort. Bot. Ber.* ii. 97; *Link, Fil. Sp.* 128; *Kze. Lin.* xxiii. 283.

*macrocarpum*, J. Sm.—*Polypodium macrocarpum*.

*menisciifolium*, J. Sm. *Hook. Gen. Fil.* under t. 51.—Brazil.

*Goniophlebium menisciifolium*, *Fée*, *Gen. Fil.* 255.

*Marginaria menisciifolia*, *Presl, Tent. Pter.* 189, t. 7, fig. 31, 32.

*Polypodium menisciifolium*, *Langsd. et Fisch. Icon. Fil.* 11, t. 12; *Willd. Sp. Pl.* v. 189; *Poir. Enc. Supp.* iv. 406; *Klfs. Enum.* 106; *Desv. Prod.* 236; *Spreng. Syst.* 54; *Link, Fil. Sp.* 129.

*menisciifolium*, J. Sm. (Cat. Ferns).—*Goniophlebium albo-punctatum*.

*menisciifolium*, Moore et Houlst.—*Goniophlebium neriifolium*.

*molestum*, *Fée*, *Cat. lith. Foug. Mex.* 24; *Id. Iconogr. Nouv.* 93.—Mexico (*Schaffn.* (1854) 180 a. b. c.)

*myrtillifolium*, M. [*Synopsis* lxxiv].—Madagascar; Nossibe (*Boivin* 1949); Corrientes (*D'Orbigny* 79).

*Marginaria diversifolia*, *Presl, Tent. Pter.* 188; *Metten. Pol.* 95.

*Polypodium diversifolium*, *Willd. Hb.* no. 19405.—f. Presl.

*Polypodium myrtillifolium*, *Klfs. Enum.* 89; *Spreng. Syst.* 46.

*neriifolium*, *Hook. Gen. Fil.* t. 70 B.—Mauritius; India; Brazil (*Gardn.* 26, 1219; *Moricand* 1792; *Mart.* 306; *Miller* 8); S. Brazil; Sao Gabriel (*Spruce* 2269); Guiana; Cayenne (*Poiteau* 390); Surinam (*Kappler* 1765); Columbia (*Moritz* 352—*Pol. campylop. Kl.*); Venezuela (*Fendl.* 352, 415, 471); Caraccas (*Lind.* 526—narrow); Ecuador (*Seem.* 952, num. small short pinnae); Chacapoyas (*Muthows* 3287); Panama (*Hayes* 254); Guatemala; S. Darien; Tumaco (*Seem.* 987); Ardita Bay; Bay of Cupica; Mexico (*Galeotti* 6411; *Schaffn.* 497 a, b; *Leibold* 95—small narrow; *Botteri* 55, 61, 62); Jamaica;

- Cuba (*Wright* 804); Guadeloupe; Trinidad (*J. Sm.*)—*Diot. Sc. Nat. Bot. ed. Levr. t. 84.*
- Goniophlebium nerifolium*, *J. Sm. Hook. Journ. Bot. iv. 57; Fée, Gen. Fil. 255, t. 24 B, fig. 2; Brack. U. S. Expl. Exped. xvi. 34.*
- Goniophlebium meniscifolium*, *Moore et Houlet. Gard. Mag. Bot. iii. 55, fig. 11; Fée, Cat. Lith. Foug. Mex. 35.*
- Marginaria nerifolia*, *Presl, Tent. Pter. 189.*
- Marginaria rhoifolia*, *Presl, Tent. Pter. 189.*
- ? *Polypodium affine*, *Hort. Ang. et Ber.—Kze.*
- Polypodium attenuatum*, *Willd.: Hb. Spreng.—f. Metten.*
- Polypodium brasiliense*, *Lam.: Willd. Hb.—f. Presl; Poir. Enc. Bot. v. 525; Desv. Prod. 236.*
- Polypodon campylopodon*, *Bl. Lin. xx. 395.—f. Metten.*
- Polypodium dissimile*, *Schkr.: Hb. Spreng.—f. Metten.*
- Polypodium longifolium* *Presl, Del. Frag. i. 167.—f. Presl; Spreng. Syst. 63.*
- Polypodium lucens*, *Schrad. Gost. gel. Ans. 1824, 863.—f. Kze.; Metten. Pol. 78.*
- Polypodium meniscifolium*, *Lowe, Ferns ii. t. 13.*
- Polypodium nerifolium*, *Schkr. Crypt. 14, t. 15; Sw. Syn. Fil. 37; Willd. Sp. Pl. v. 194; Poir. Enc. Supp. iv. 497; Raddi, Fil. Bras. 23, t. 31 bis; Gaud. Frey. Voy. 357; Desv. Prod. 236; Wall. Cat. 307; Kze. Lin. xviii. 321; xxiii. 281; M. et Gal. Foug. Mex. 39; Liebm. Mex. Bregm. 40; Metten. Fil. Lips. 32.*
- Polypodium Palma*, *Velloz. Fl. Flum. xl. t. 60.*
- Polypodium Prellanum*, *Link. Hort. Ber. ii. 102; Kze. Lin. xxiii. 296; Metten. Fil. Lips. 33 (excl. var. syn.)*
- Polypodium rhoifolium*, *Willd. Hb. no. 19681.—f. Metten.*
- nummularium*, *Moore.—Pleopeltis nummularia.*
- oleandrifolium*, *M.—Cuba (Wright 804; "F. et Schlim. 209"); Dominica (Imray 70); Panama.*
- Marginaria gladiata*, *Presl, Tent. Pter. 189.*
- Marginaria oleandrifolia*, *Presl, Tent. Pter. 189.*
- Polypodium gladiatum*, *Kze. Lin. ix. 45; Metten. Pol. 77; Griseb. Bonpl. vi. 12.*
- Polypodium oleandrifolium*, *Kze. olim.*
- ornatum*, *Fée.—Goniophlebium fraxinifolium.*
- owariense*, *Lodd. Cat. 1849.—Sierra Leone, Oware, Benin.*
- Polypodium owariense*, *Desv. Berl. Mag. v. 314; Id. Journ. Bot. iv. 258 (1814); Poir. Enc. Supp. iv. 503; Spreng. Syst. 46; Metten. Pol. 96; f. Lowe, Ferns ii. t. 62.*
- pachyneuron*, *Fée, Gen. Fil. 255—? . . . . .*
- pachyphyllum*, *M.—S. W. Oregon.*
- Polypodium pachyphyllum*, *Eaton, Silliman's Journ. 1856, 138.*
- pallens*, *Presl, Tent. 186.—Java; Philippines (Cuming 203).*
- Goniophlebium pallens*, *J. Sm. Hook. Journ. Bot. iii. 396; Fée, Gen. Fil. 255.*
- Polypodium pallens*, *Bl. Fl. Jav. 132, 178, t. 84 a?; Metten. Pol. 81. (An Goniophlebium subauriculatum, var.)*
- patens*, *J. Sm. Bot. Her. i. 230.—Panama (Seem. 25).*

pectinatum, *J. Sm. Bot. Her.* i. 230.—Panama (*Seem.* 14, 375);  
Sao Gabriel (*Spruce* 2324); N. Grenada (*Schlim* 636).

pectinatum, *J. Sm. (Gen.)*—Polypodium pectinatum.

pellitum, *M.*—Brazil.

*Marginaria pellita*, *Presl, Tent. Pter.* 187.

*Polypodium pellitum*, *Willd. Hb.* no. 19004.—*f. Presl; Klfs. Enum.* 89; *Mett. Pol.* 95.

*piloselloides*, *J. Sm. Hook. Gen. Fil.* under t. 51; *Id. Hook. Journ. Bot.* iv. 56; *Id. Bot. Mag.* 1846, comp. 11.—*W. Indies*: Jamaica, Cuba (*Wright* 798; *Linden* 1914),  
Dominica (*Inray* 72), Martinique (*Belang.* 427), St.  
Vincent; Porto Rico; Panama; Columbia (*Moritz* 28,  
183); Venezuela (*Fendl.* 354, 419); Ecuador: Chim-  
borazo (*Spruce* 5731, 5732); Quito; Brazil; Cayenne;  
Madagascar.

*Craspedaria piloselloides*, *Fée, Gen. Fil.* 264.

*Lopholepis piloselloides*, *J. Sm. Bot. Her.* i. 229; *Id. Cat. Kew Ferns* 1; *Id. Cat. Ferns* 4.

*Marginaria piloselloides*, *Presl, Tent. Pter.* 187, t. 7, fig. 24, 25; (excl. syn. *Willd. Klfs. Rad.*); *Hook. Gen. Fil.* t. 51.

*Niphobolus antillarum*, *Spreng. Syst.* 44; *Presl, Epim. Bot.* 125.

*Polypodium hirtisorum*, *Desv. Berl. Mag.* v. 314; *Id. Journ. Bot.* iv. 288; *Id. Prod.* 226; *Mett. Pol.* 95.

*Polypodium piloselloides*, *Lin. Sp. Pl.* 1543; *Sw. Syn. Fil.* 25; *Willd. Sp. Pl.* v. 144; *Poir. Enc. Bot.* v. 509; *Desv. Prod.* 226; *Spreng. Syst.* 45; *Kl. Lin.* xx. 392; *Kze. Lin.* xxiii. 282; *Mett. Pol.* 95; *Lowe, Ferns* i. t. 32; *Hook. Gard. Ferns* t. 18.

—*β. minor* (*Kze. Lin.* ix. 36).—Cuba; Columbia (*Wagner* 181).

*Craspedaria veronicaefolia*, *Fée, Gen. Fil.* 264.

*plectolepis*, *Fée.*—*Goniophlebium subpetiolatum*.

*Pleopeltis*, *Fée, Gen. Fil.* 255, 256.—Java (*Lobb* 263).

*Goniophlebium Pleopeltis*, *Mett. Pol.* 81.

(An *Goniophlebium subauriculatum*, var.)

*plesiosorum*, *Fée, Cat. lith. Foug. Mex.* 24.—Mexico (*Leibold* 90, 91 in part; *Schaffn.* (1856) 457; *Jurgensen* 893; *Galeotti* 6559); Guatemala.

*Polypodium gonatodes*, *Kze. Lin.* xxiii. 278, 318; *Mett. Fil. Lips.* 32, t. 24, fig. 11, 12.

*Polypodium plesiosorum*, *Kze. Lin.* xviii. 313; *Mett. Pol.* 74; *Liebm. Mex. Bregu.* 37.

*pubescens*, *M.*—Buenos Ayres.

*Polypodium pubescens*, *Gillies MS.*; *Hook. et Grev. Icon. Fil.* t. 182; *Fée, Gen. Fil.* 235; *Mett. Pol.* 61.

*punctulatum*, *M.*—Quito (*Jameson* 127); Peruvian Andes;  
Venezuela (*Fendl.* 244).

*Polypodium punctulatum*, *Hook. Icon. Pl.* t. 720; *Mett. Pol.* 75.

[*Gen.* 73. *Sp.* 1730.]

*pyrrholepis*, Fée.—Goniophlebium lepidopteris.

*ramosum*, Fée.—Goniophlebium loriceum.

*Reinwardtii*, De Vriese.—Goniophlebium subauriculatum.

*Reinwardtianum*, Fée.—Goniophlebium subauriculatum.

*retrofractum*, M.—South America.

Polypodium retrofractum, Desv. Prod. 237; Metten. Pol. 79.

*revertens*, Fée, Cat. lith. Foug. Mex. 25; Id. Iconogr. Novv. 94.

—Mexico (Botteri 56; Schaffn. (1854) 189; (1855) 450).

Goniophlebium jocosum, Moore MS.

Goniophlebium semipolypodium, Fée MS.

Polypodium distichum, Schaffn. MS.

(An Polypodium fraternum, var.)

*rhachipterygium*, M.—Mexico.

Polypodium rhachipterygium, Liebm. Mex. Bregm. 39.

*rhagadiolepis*, Fée.—Goniophlebium thyssanolepis.

*rhizocaulon*, Presl, Tent. Pter. 186.—B. Guiana (Rich. Schomb. 1651); ? Surinam (Kappler 1765 b); New Grenada (F. et Schlim 279); Columbia (Moritz 54; Wagener 116); Venezuela; Organ Mountains (Gardn. 130).

Goniophlebium deflexum, M. et Hoult. Gard. Mag. Bot. iii. 61; J.

Sm. Cat. Kew Ferns 1.

Goniophlebium distans, J. Sm. Cat. Ferns 3, in part.

Marginaria distans, Presl, Tent. Pter. 189.

Polypodium deflexum, Lodd. Cat.

Polypodium distans, Raddi, Fil. Bras. t. 31.

Polypodium fraxinifolium, Hort. Ber.—f. A. Br.

Polypodium Preslianum, Hort. Petrop.—f. spec.

Polypodium Richardi, Kl. Lin. xx. 364.

Polypodium rhizocaulon, Willd. Sp. Pl. v. 196; Poir. Enc. Supp. iv. 496; Desv. Prod. 236; Spreng. Syst. 54; Kl. Lin. xx. 396; Metten. Pol. 79.

Polypodium triseriale, Raddi, Syn. Fil. 65.

*rhodopleuron*, Fée, Cat. lith. Foug. Mex. 24.—Mexico (Leibold 91, in part; Schaffn. (1854) 183).

Polypodium californicum, Schlecht. Lin. v. 808.—f. Kze.

Polypodium ochrocarpum, Kœn. MS.

Polypodium rhodopleuron, Kze. Lin. xviii. 315; Metten. Pol. 74.

*rigidulum*, M.—Java.

Polypodium rigidulum, Sw. Sehrad. Journ. Bot. 1800, ii. 26; Id. Syn.

Fil. 38, 230; Willd. Sp. Pl. v. 194; Poir. Enc. Supp. iv. 497;

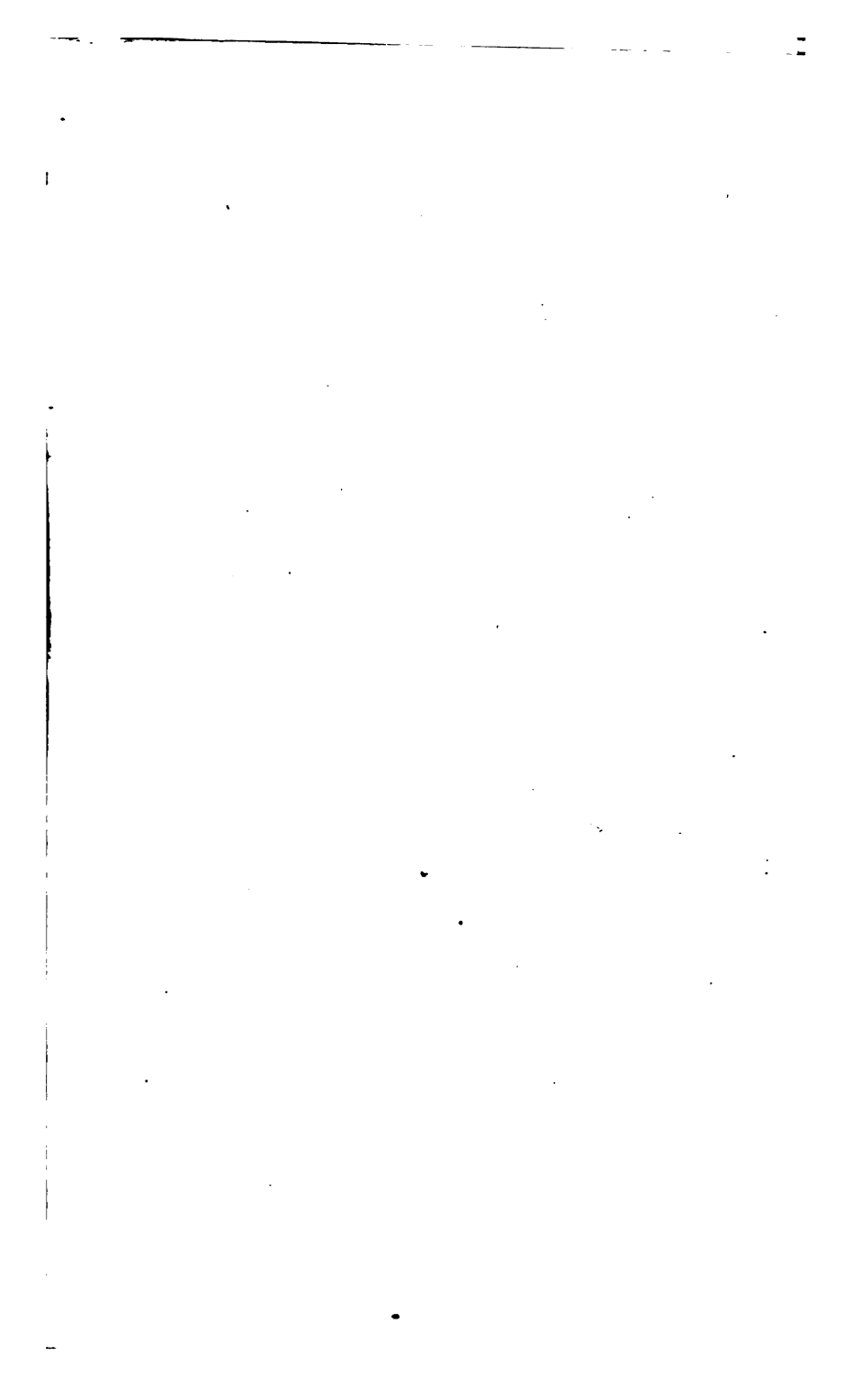
Desv. Prod. 238; Spreng. Syst. 56.

*Schaffnerianum*, M.—Mexico (Schaffn. 29).

Polypodium Schaffnerianum, Metten. MS. in Coll. Hohen.

*semipinnatifidum*, Fée, Gen. Fil. 255, 256.—N. Grenada (F. et Schlim 1863); Venezuela.





## PLATE LXXIX.

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### A.

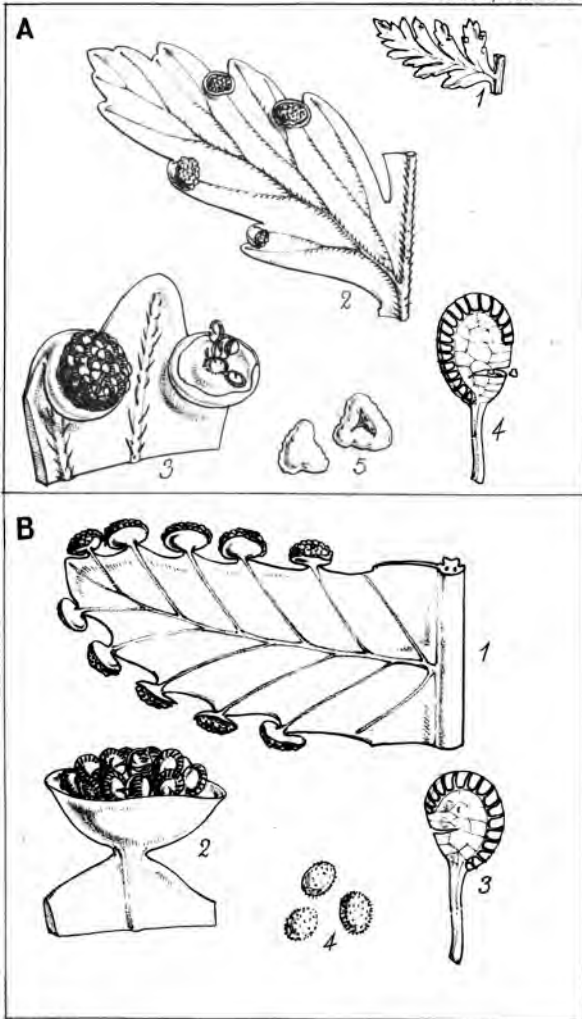
GEN. 136.—**DENNSTÆDTIA**, *Bernhardi*. [Syn. p. xcvii.]

- FIG. 1. Pinnule of *DENNSTÆDTIA RUBIGINOSA*, *Moore*. (n. s.)  
2. Segment of the same, enlarged, showing the veins and sori.  
3. Fragment of the same, more enlarged, showing the recurved sori and pateriform indusia.  
4. Spore-case.  
5. Spores.
- 

### B.

GEN. 137.—**DEPARIA**, *Hooker & Grev.* [Synopsis. p. xcvi.]

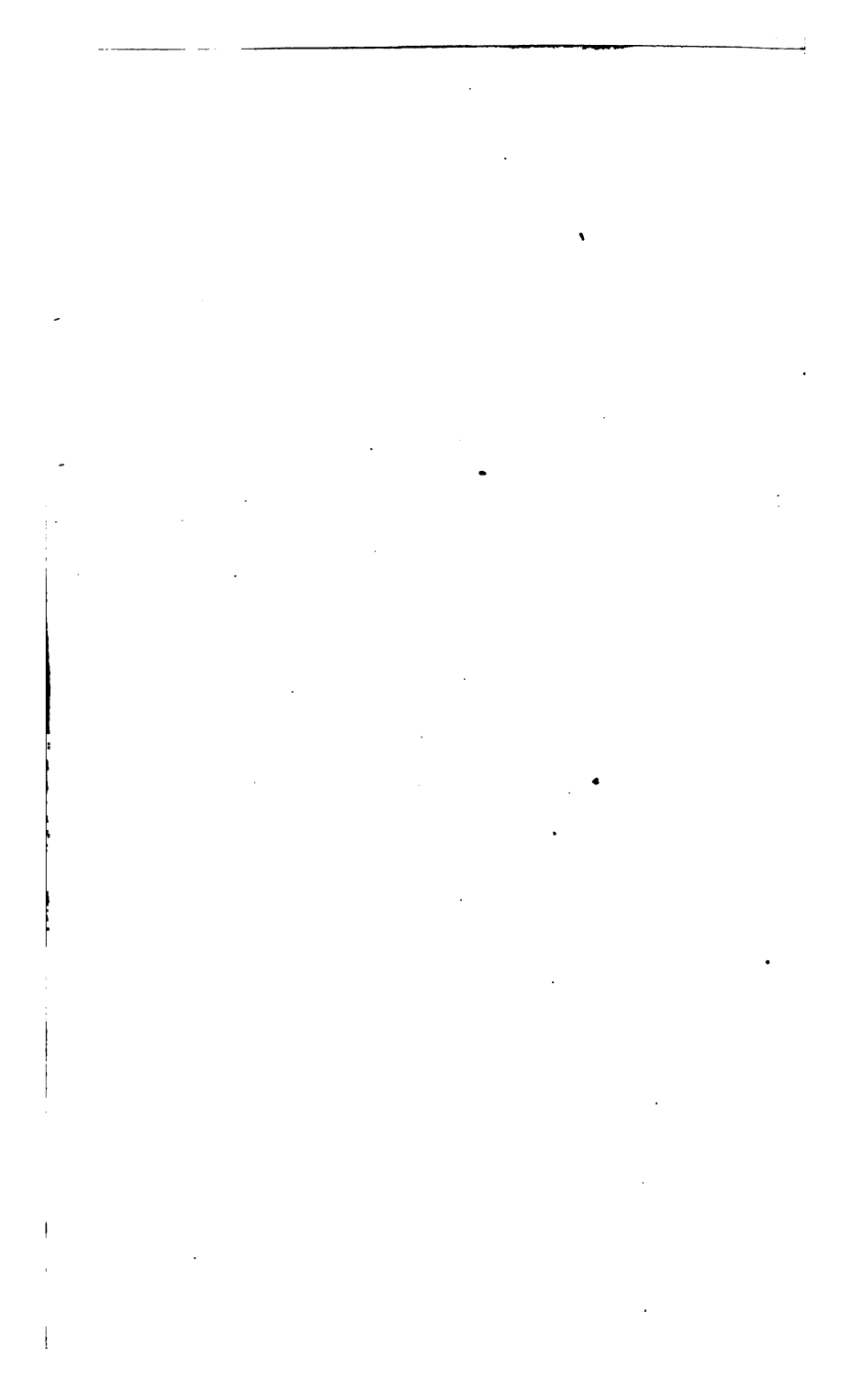
- FIG. 1. Pinnule of *DEPARIA PROLIFERA*, *Hook. and Grev.*, showing the free veins and extra-marginal sori.  
2. Fragment of the same, showing the pateriform indusium and its stalk.  
3. Spore-case.  
4. Spores.



Fitch, del.

**A.** *Dennstaedia*. **B.** *Deparia*.





## PLATE LXXX.

---

### A.

GEN. 138.—**CIONIDIUM**, *Moore*. [Synopsis. p. xcviil.]

FIG. 1. Segment of **CIONIDIUM MOOREI**, *Moore*, showing the netted veins and extra-marginal sori with pateriform indusia.

2. Spore-case.

3. Spores.

---

### B.

GEN. 139.—**PERANEMA**, *Don*. [Synopsis p. xcix.]

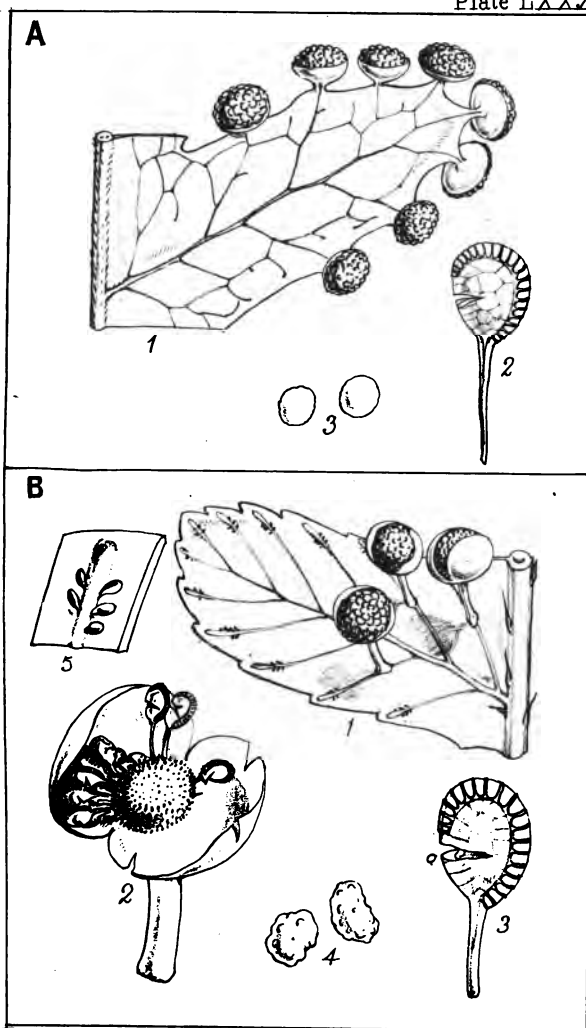
FIG. 1. Segment of **PERANEMA CYATHOIDES**, *Don*, showing the veins, and stipitate sori.

2. One of the sori, more enlarged, showing the irregularly two-valved indusium.

3. Spore-case.

4. Spores.

5. Fragment of the frond, showing the thickened apex of the vein with its glands.

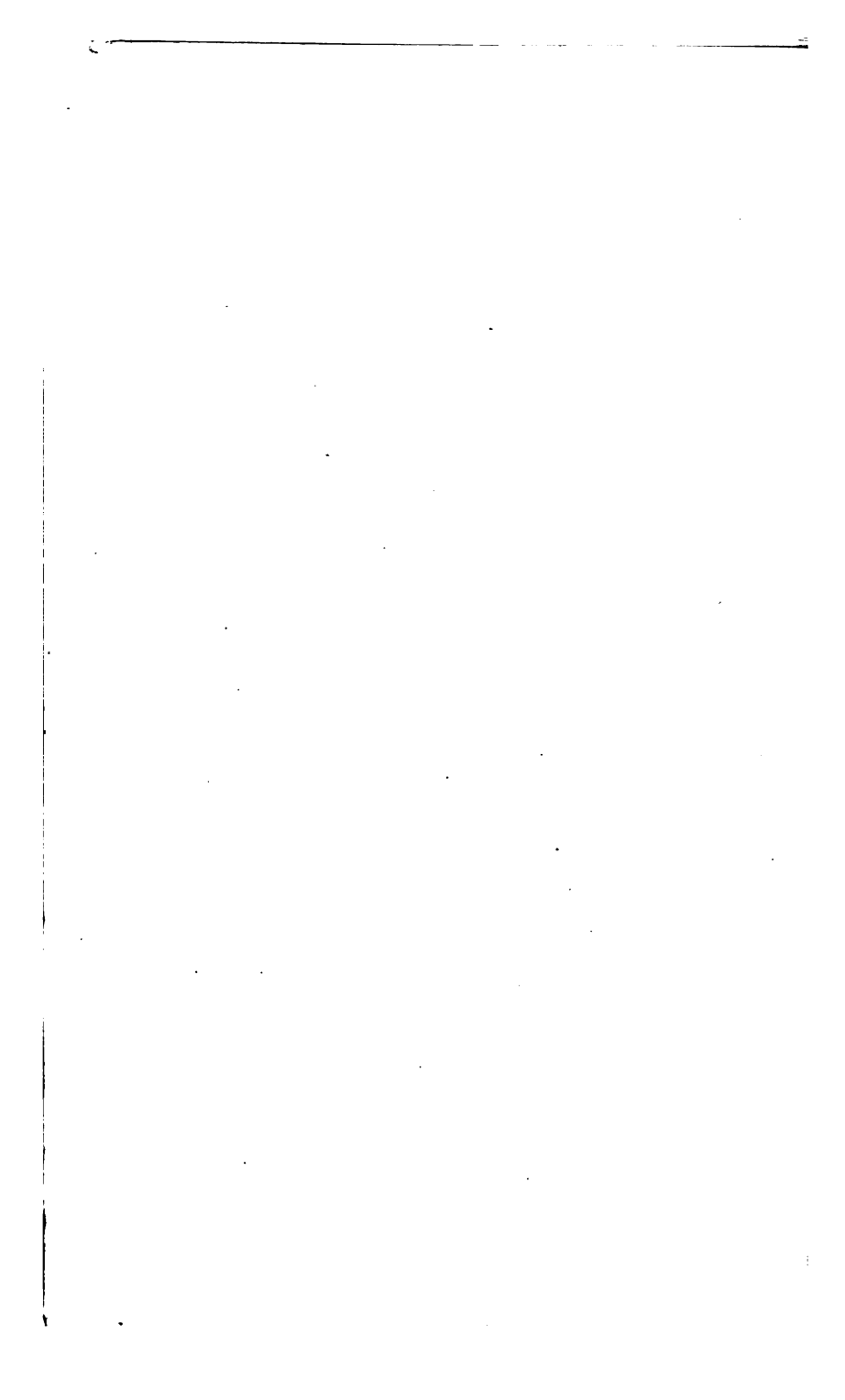


Fitch, del.

A. *Cionidium* B. *Peranema*.







## PLATE LXXXI.

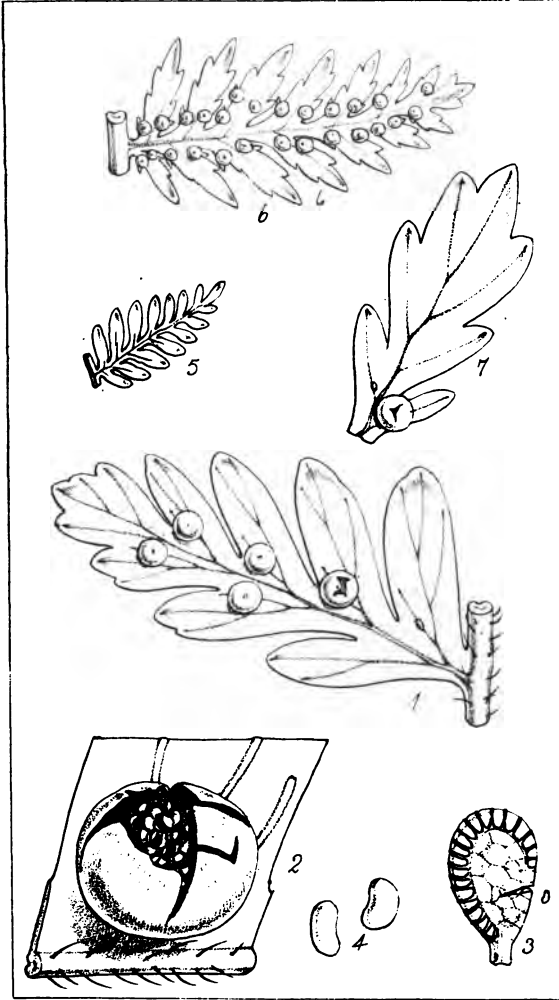
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### GEN. 140.—*DIACALPE*, *Blume*. [Synopsis p. xcix.]

FIG. 1. Pinnule of *DIACALPE ASFIDIODES*, *Bl.*

2. Fragment of the same with a sorus, more enlarged, showing the globose involucre bursting.
3. Spore-case.
4. Spores.
5. Pinnule of *CYATHEA MICROPHYLLA*, *Mett.* for comparison (n. s.)
6. Fertile pinnule of the same.
7. Segment of the same, more enlarged, showing a sorus.

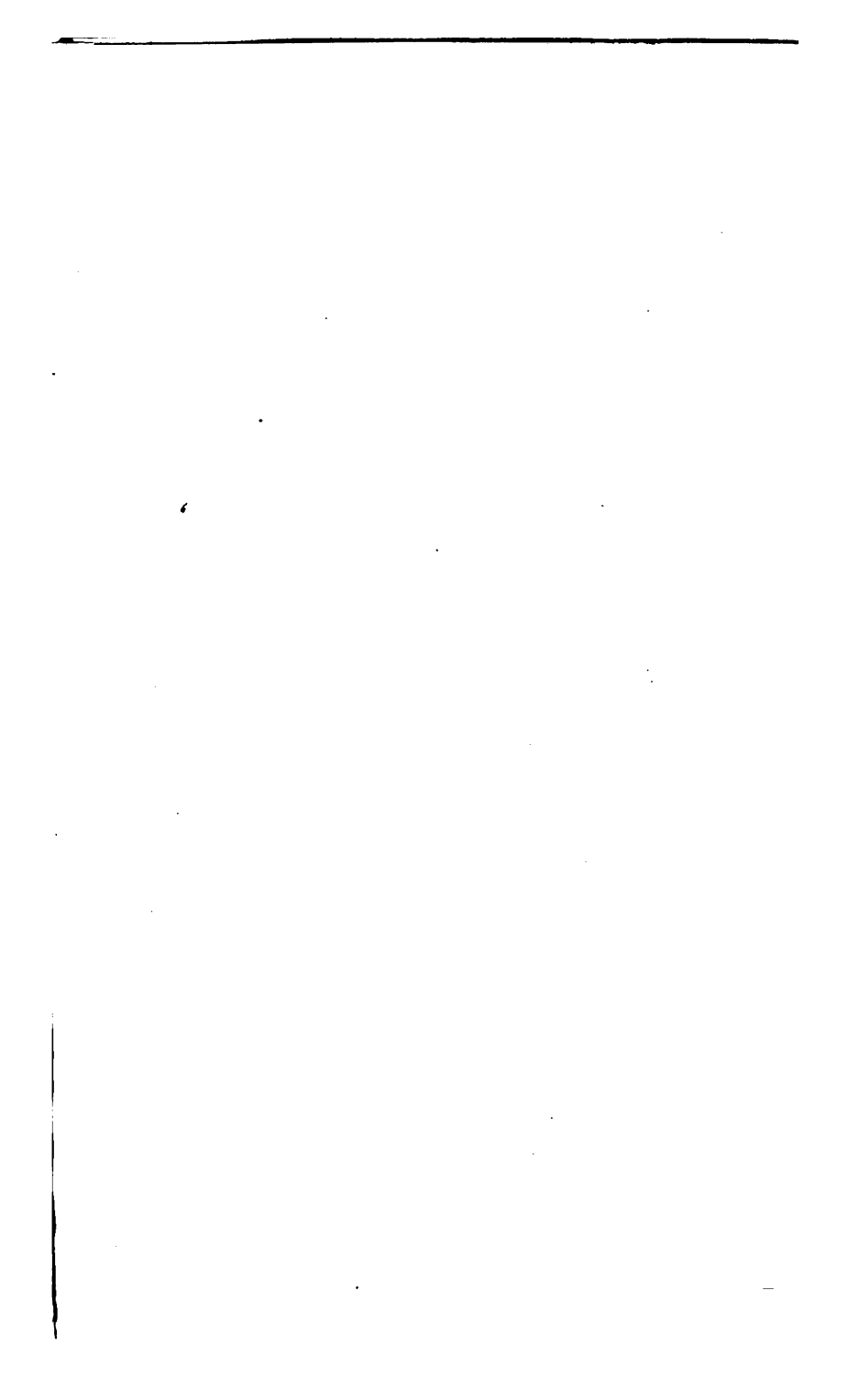
\*.\* Gen. 141, *ARACHNIODES*, *Bl.* [Synopsis p. c.] is unknown to us.



fitch, del.

Diacalpe.





## PLATE LXXXII.

---

### GEN. 142.—WOODSIA, *H. Brown*. [Synopsis p. c.]

- FIG. 1. Frond of *WOODSIA ALPINA*, *Gray* (n. s.)  
2. Pinna of the same, enlarged.  
3. A sorus, with its inferior fimbriate involucre.  
4. Spore-case.  
5. Spores.  
6. Pinnule of *WOODSIA OBTUSA*, *Torr.* (n. s.)  
7. Segment of the same, enlarged.  
8. A sorus with its lobed calyciform involucre.  
9. Segment of *WOODSIA MOLLIS*, *J. Sm.* (n. s.)  
10. A sorus enclosed in the subglobose involucre.

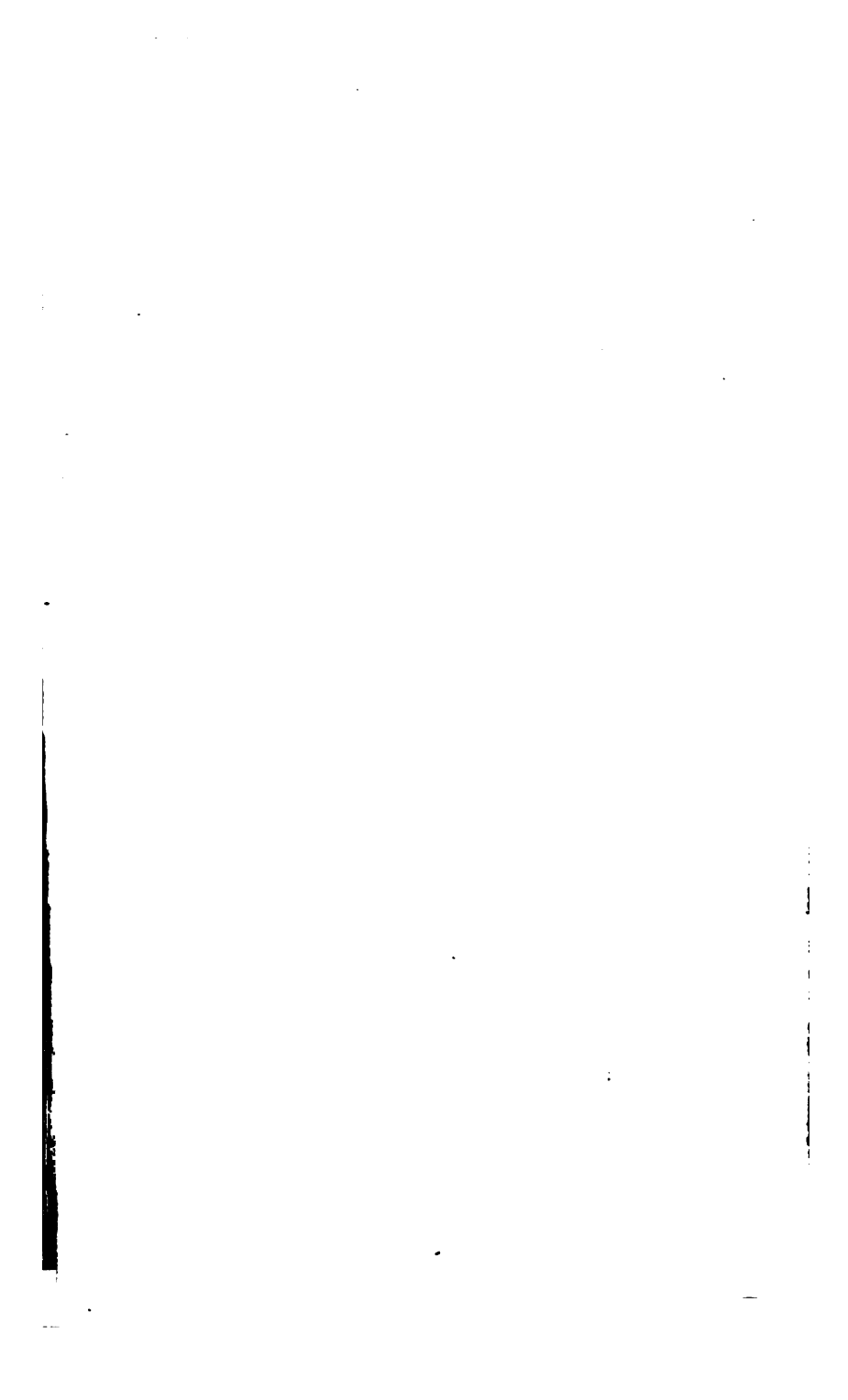


Jitch, del.

Woodsia.







## PLATE LXXXIII.

---

### A.

GEN. 143.—**HYPODERRIS**, *E. Brown*. [Synopsis p. ci.]

FIG. 1. Fragment of **HYPODERRIS BROWNEI**, *J. Sm.*

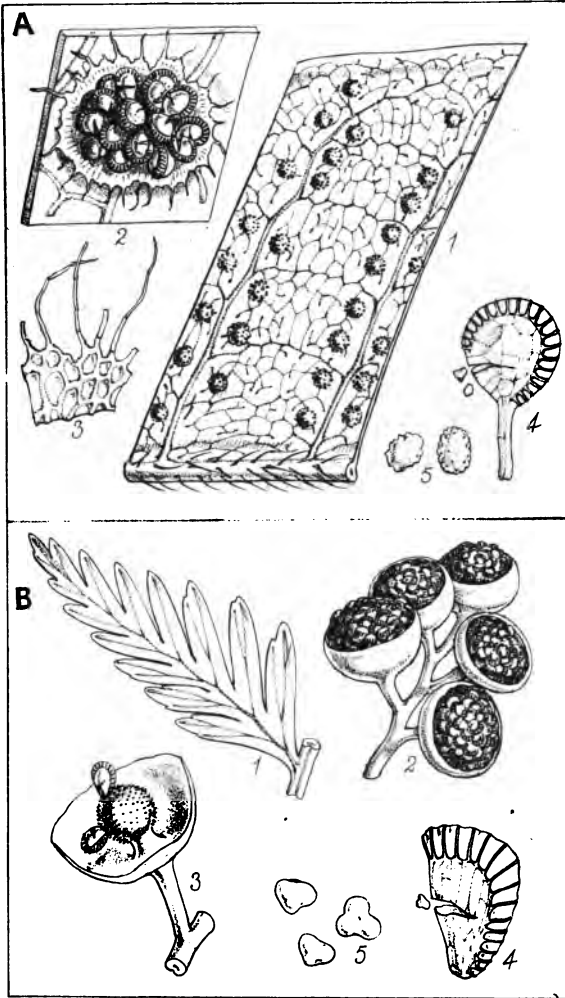
2. Smaller fragment, more magnified, showing a sorus with its calyciform fimbriate involucre.
  3. A small portion of the margin of one of the involucre.
  4. Spore-case.
  5. Spores.
- 

### B.

GEN. 144.—**THYRSOPTERIS**, *Kunze*. [Synopsis cii.]

FIG. 1. Sterile segment of **THYRSOPTERIS ELIENSIS**, *Ksc.* (n. s.)

2. Fertile fragment of the same.
  3. A smaller fragment, more magnified, showing a section of the stalked involucre, and its included globose receptacle.
  4. Spore-case.
  5. Spores.
-



Mitch, del.

**A.** Hypoderris. **B.** Thyrsopteris





## PLATE LXXXIV.

---

### A.

GEN. 145.—**CYATHEA**, *Smith*. [Synopsis p. cii.]

FIG. 1. Fragment of *CYATHEA MEDULLARIS*, *Sw.* (n. s.)

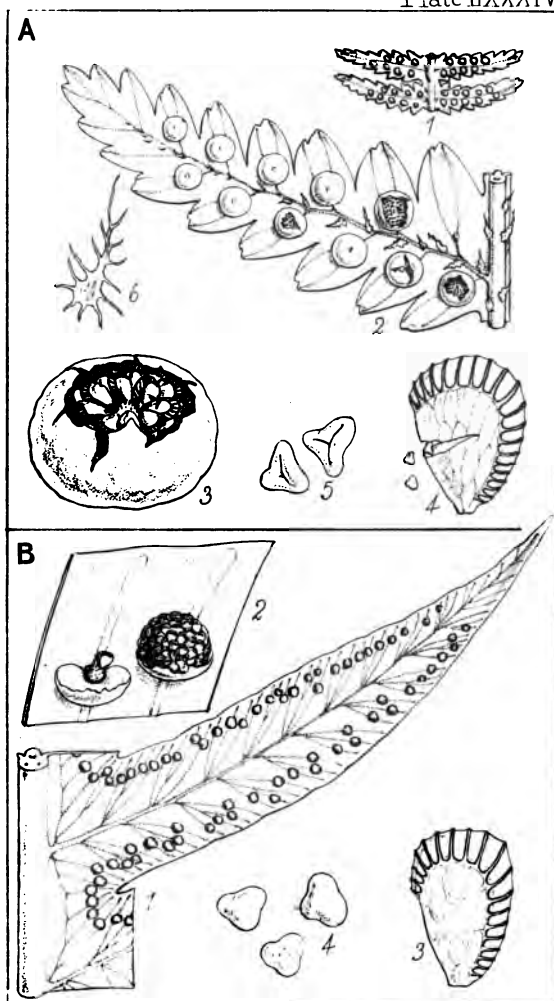
2. One of the segments, enlarged.
  3. A detached sorus, showing the cup-shaped involucre bursting at top.
  4. Spore-case.
  5. Spores.
  6. A scale from the rachis.
- 

### B.

GEN. 146.—**HEMITELIA**, *R. Brown*. [Synopsis p. ciii.]

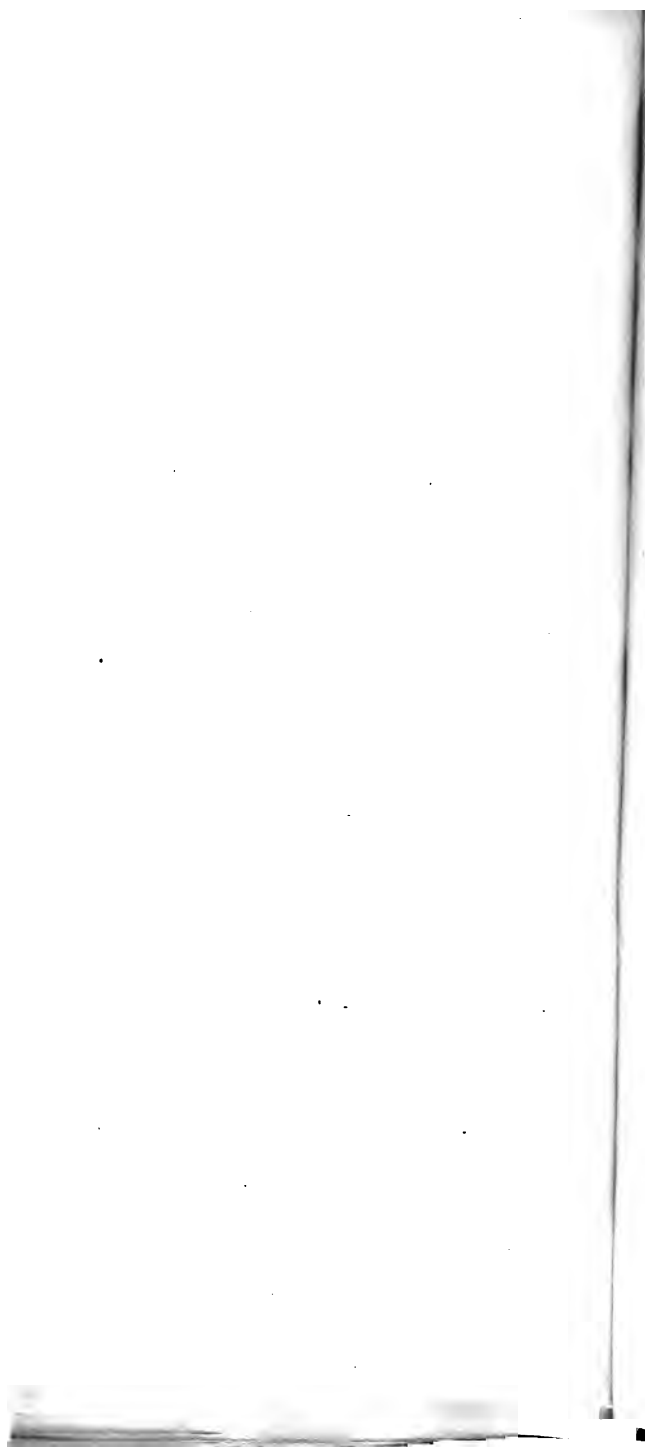
FIG. 1. Segment of *HEMITELIA HORRIDA*, *R. Br.* (n. s.)

2. Fragment of the same, enlarged, showing the sori, the half-cup-shaped involucre, and the receptacle.
3. Spore-case.
4. Spores.



Engelm. del.

A. *Cyathea* B. *Hemitelia*.





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